

OFFICE OF ENTERPRISE TECHNOLOGY SERVICES

P.O. BOX 119, HONOLULU, HAWAI'I 96810-0119 Ph: (808) 586-6000 | Fax: (808) 586-1922 ETS.HAWAII.GOV

May 11, 2021

The Honorable Ronald D. Kouchi,
President, and
Members of The Senate
Thirty-First State Legislature
Hawaii State Capitol, Room 409
Honolulu, Hawaii 96813

The Honorable Scott K. Saiki,
Speaker, and
Members of The House of Representatives
Thirty-First State Legislature
Hawaii State Capitol, Room 431
Honolulu, Hawaii 96813

Dear President Kouchi, Speaker Saiki, and Members of the Legislature:

Pursuant to HRS section 27-43.6, which requires the Chief Information Officer to submit applicable independent verification and validation (IV&V) reports to the Legislature within ten days of receiving the report, please find attached the report the Office of Enterprise Technology Services received for the State of Hawaii Department of Health Hawaii BHA Integrated Case Management System Project.

In accordance with HRS section 93-16, this report may be viewed electronically at http://ets.hawaii.gov (see "Reports").

Sincerely,

DOUGLAS MURDOCK Chief Information Officer State of Hawai'i

State of Hawa

Attachment (2)



Hawaii BHA Integrated Case Management System Project – *Phase 3*

Final IV&V Report for the period of

April 1 – April 30, 2021

Final submitted: May 10, 2021



Agenda

Executive Summary

IV&V Findings & Recommendations

Appendices

- A Rating Scales
- B Inputs
- C Project Trends





Executive Summary

The Project successfully deployed Release 3.14 (R3.14) to production on 4/11/2021 with minimal defects. Several R3.12 Root Cause Analysis (RCA) action items were prioritized in April and are in the queue for execution to address issues in the areas of deployment and vendor (Microsoft) issues. Other RCA mitigating action items have yet to be prioritized. The Project Team has incorporated into the release process an on-going post-production deployment debrief and has made updates to the DevOps Tool to include fields for continued tracking and logging of RCA information.

Work for R3.15 is being regression tested in preparation for the upcoming production release starting on 5/6/21.

IV&V will continue to monitor the other high criticality findings for release deployment, regression testing, quality and Microsoft issues. We encourage the Project to consider our recommendations to mitigate risk and avoid the reoccurrence of issues in upcoming planned releases.

Feb	Mar	Apr	Category	IV&V Observations	
Planning permanently support BHA's technical needs. CAMHD's recruitment activitie open IT Technician position are on a temporary freeze. BHA continues to tall lead responsibilities in the areas of user story ownership and performing continues.		IV&V continues to recommend the need for skilled MS Dynamics resources to permanently support BHA's technical needs. CAMHD's recruitment activities for their open IT Technician position are on a temporary freeze. BHA continues to take on more lead responsibilities in the areas of user story ownership and performing code reviews. The rating for this category remains Yellow (medium criticality) for the April reporting period. IV&V will continue to monitor this category moving forward.			
G	G G USE Story (low critic		_	There are no active findings in User Story (US) Validation category which remains Green (low criticality) for the April reporting period. IV&V will continue to monitor the US development and validation process in upcoming reporting periods.	
R R Test Practice Validation			The project deployed R3.14 to production in April. BHA planning efforts to develop automated regression test scripts continues. The rating for this category remains Red (high) for the April reporting period. IV&V will continue to monitor this category in upcoming reporting periods.		



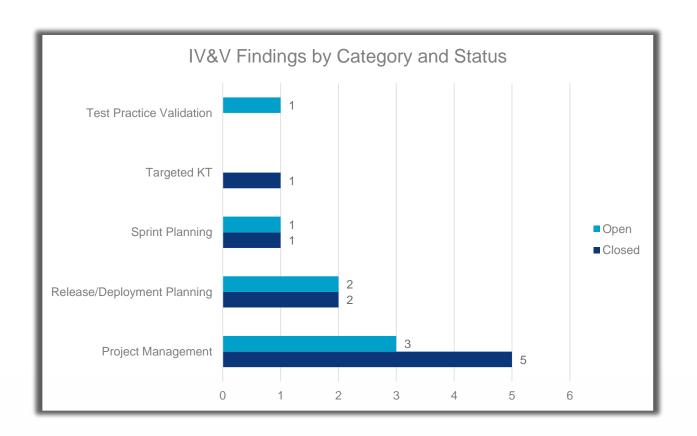
Executive Summary

Feb	Mar	Apr	Category	IV&V Observations	
R	R	R	Release / Deployment Planning	The criticality rating for this category remains Red (high) for the April reporting period. An RCA action item for mitigating issues with deployments has been prioritized and is in the queue for execution. IV&V will continue to monitor this category in May.	
G	G	G	OJT and KT Sessions	The criticality rating for the OJT and KT Sessions category remains Green (low) for the April reporting period with no active findings.	
G	G	G	Targeted KT	There are no active findings in this category which remains Green (low criticality) for the April reporting period. IV&V will continue to monitor this category moving forward.	
G	G	G	Project Performance Metrics	The Project met its performance metrics for R3.14. IV&V will keep the criticality rating for this category a Green (low) and will continue to monitor this category moving forward.	
G	G	G	Organizational Maturity Assessment	The criticality rating for the Organization Maturity Assessment (OMA) will remain Green (low). Planning efforts for the next OMA (in May) are currently in progress.	
Y	Y	Y	Project Management	Quality issues that impact DDI activities continue to be an IV&V concern. The Project has prioritized a few RCA mitigating action items for execution and should continue to prioritize the remaining RCA items to improve overall quality. A new preliminary concern has been added to this report to address the upcoming DDD Project Manager leave of absence. The criticality rating for this category remains Yellow (medium) for the April reporting period. IV&V will continue to monitor this category in May.	



Executive Summary

As of the April 2021 reporting period, there are a total of seven open findings – three High Issues, three Medium Issues, and one Medium Risk spread across the Sprint Planning, Release / Deployment Planning, Test Practice Validation, and Project Management assessment areas.





Assessment Categories

Throughout this project, IV&V will verify and validate activities performed in the following process areas:

- Sprint Planning
- User Story Validation
- Test Practice Validation
- Release / Deployment Planning
- On-the-Job Training (OJT) and Knowledge Transfer (KT) Sessions
- Targeted Knowledge Transfer (KT)
- Project Performance Metrics
- Organizational Maturity Assessment
- Project Management



IV&V Findings & Recommendations Sprint Planning

#	Key Findings	Criticality Rating	
8	Changed from Medium Risk to Medium Issue - The BHA Technical Team bandwidth may not be adequate to meet the needs of the project, which could compromise project productivity. As planned, BHA continued to take on more lead responsibilities in the areas of user story ownership and performing code reviews during the month of April. CAMHD was notified that their open IT Technical position is on a temporary freeze. IV&V has elevated this finding from a medium risk to a medium issue and will continue to monitor this finding.	M	
Recor	mmendations	Status	
	The Project should investigate mechanisms of increasing the bandwidth of the BHA Technical Team, either by adding resources through new hires, or vendor contracts.		
	e Project should assess, where possible, if there are responsibilities of the BHA Technical Team that can reassigned to other project staff.	In progress	
	e Project should evaluate where process inefficiencies can be addressed and streamlined to possibly free the BHA Technical Team's availability.	In progress	
	e Project should consider the formation of a first level M&O resource team to triage/address production ects in a timely manner, without disrupting new development work.	In progress	
	e Project should consider procurement of an online training toolset to support OCM and technical efforts to set the need for in-person training.	Completed	



Test Practice Validation

#	Key Findings	Criticality Rating
2	Change from High Issue to Medium Issue – As a result of regression testing not being consistently performed, production releases are breaking and/or deprecating existing functionality in the production environment. IV&V has confirmed with DDD that their current regression testing efforts are effective. IV&V recognizes that CAMHD does not perform industry standard regression testing to validate the introduction of new code does not break existing functionality. However, CAMHD performs component testing prior to production release, and are satisfied this meets their preproduction testing needs. Efforts to plan the development of automated regression test scripts with Microsoft continues. CAMHD has tentatively identified its planned resource for this project and plans to coordinate the needed tasks and activities with Microsoft in May. IV&V has reduced the criticality rating for this finding from a high issue to a medium issue as the project moves towards automation that will provide industry standard regression testing. IV&V will continue to monitor this finding.	M
Reco	ommendations	Status
• Up	Updating the regression test scripts to ensure consistency with system configuration.	
• Mo	Modifying release schedules to allow for regression testing timeframes.	

Planning releases by functionality type to avoid unnecessary repetitive work being performed in any given



Completed

section of the solution.

Test Practice Validation (cont'd)

Recommendations	Status
 Performing regression testing after every release, or possibly every other release, or potentially tying regression tests to full solution upgrade releases. In addition, consider alternating the DDD and CAMHD scripts every other release. 	Completed
 Modifying regression test scripts to start AFTER case creation, limiting the time it takes to execute. (This recommendation was for a point in time and is no longer valid.) 	Completed
Modifying the deployment scripts based on information gained from previous release deployments.	Completed
Pursuing additional formal training in AzureDevOps for test automation at the earliest possible juncture and commence efforts to automate at least the 2 primary regression test scripts.	In Progress
Consulting with RSM to determine how the 'interim testing processes' can be improved until such time that automated testing is available for repeatable and complete industry standard regression testing.	Completed
• Implementing 'hard' code freeze dates as well as test environment deployment dates to ensure that testing and deployment activities are not rushed.	Completed
 IV&V recommends performing an RCA in collaboration with RSM for the continued concerns with regression testing efforts. 	In Progress
Determine if current regression testing timeframes are adequate and if not, add more time to the pre- production regression test efforts for all release deployments.	In Progress



Release / Deployment Planning

#	Key Findings	Criticality Rating
19	High Issue - Due to ongoing deployment processes and technical execution issues, the Project may continue to encounter defects and challenges in meeting projected timelines for production and non-production deployments. The R3.12 Root Cause Analysis (RCA) effort completed in March resulted in several recommendations for increasing the quality of deployments. One of the high priority items resulting from the RCA was to update the deployment checklists and provide a secondary review prior to executing a deployment. A task was assigned to a member of the Technical Team to update the checklists. IV&V will continue to monitor this finding.	(1)

Recommendations	Status
 Develop a plan to institutionalize the execution of "Smoke Testing" for promotions to non-production and production environments. This will help to ensure that all components needed to test have been properly deployed prior to the actual execution of test activities. 	Open
 Work in collaboration with RSM to establish a transition plan for DOH to assume all deployment activities to ensure complete ownership of these processes. This should assist with consistency in approach and execution going forward. 	Open
As appropriate, consult with RSM on best practices that BHA could employ to support deployment.	In Progress



Release / Deployment Planning (cont'd)

Recommendations	Status
 Look at implementing 'hard' code freeze dates as well as test environment deployment dates to ensure that testing and deployment activities are not rushed. 	Completed
 Request the assistance of the RSM Solution Architect in reviewing and correcting issues associated with consistency of the configurations across environments, ensuring that the test environment is capable of testing ALL functions of any given release without the need for using multiple test environments. 	In Progress
 Request the assistance of the RSM Solution Architect in review of deployment scripts as a double check for accuracy and completeness prior to commencing deployment activities. 	In Progress
Ensure an operational and fully functional test environment is available to effectively conduct end-to-end regression testing prior to deploying a release to production.	Completed
The Project Team should consider evaluating potential changes to improve/enhance existing processes and communications to address current release/deployment shortfalls.	In Progress
 IV&V recommends performing an RCA in collaboration with RSM for the continued concerns surrounding environment differences. 	In Progress
 IV&V recommends updating the Project's Configuration Management Plan to address the current needs of the Project. This should include specific checklists geared at ensuring repeatable promotional processes by DOH. 	In Progress
 Due to an error prone process of 'cherry picking' what is and what is not ready for deployment, IV&V recommends that DOH and RSM collaborate to determine an improved manner for managing DOH environments. 	Open



Release / Deployment Planning (cont'd)

#	Key Findings	Criticality Rating
18	High Issue - Due to consistent technical issues requiring escalation to Microsoft (MS), some project efforts are being delayed. BHA continues to work with Microsoft on technical issues as they arise in the Government Community Cloud (GCC) instance. The issue with fields being locked has been resolved, however, a new MS ticket was opened to address workflows and business rules being disabled after a solution upgrade was applied. This issue has put a halt to all solution aware CRM development and code promotion work. This issue has delayed the R3.15 production release by at least a week. IV&V will continue to monitor this finding.	(3)

Recommendations	Status
 IV&V recommends the project to continue to monitor the status of outstanding Microsoft tickets and to escalate the priority of these tickets as deemed necessary. 	In Progress



Project Management

#	Key Findings	Criticality Rating
10	Closed Low Risk - The COVID-19 pandemic and related "stay at home" order could hinder project activities and negatively impact the project schedule and budget. The Project continues to maintain its ability to operate with staff working remotely, effectively overcoming the "stay at home, work from home order" that reduced BHA's ability to be fully functional in the office. The potential DDD and CAMHD budget challenges reported in March were also overcome during April, providing fiscal relief to BHA. As such, IV&V is closing this finding.	Closed

Recommendations	Status
 IV&V recommends BHA to ramp up efforts to setup, train, and assist stakeholders on remote work devices and tools and make every effort to help them to become highly functional with remote access technology (e.g., MS Teams/Skype). 	Completed
 IV&V recommends the project and DOH create a detailed, documented risk mitigation strategy and plan that is reviewed regularly and revised to address the current state of the COVID-19 threat and related impacts over the next 6 to 12 months. 	Closed
 IV&V recommends updates to the OCM Plan to include any new activities or updates to planned activities to aid the organization through this COVID-19 situation in the short and long term. 	Closed



#	Key Findings	Criticality Rating		
15	High Issue - Due to multiple quality concerns, the Project may continue to face impactful system defects. BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been prioritized, specific action is being taken to update the existing deployment standard checklist to address issues found with deployments. Further, BHA is pursuing Microsoft (MS) User Group Membership in a local or nearby chapter and has reached-out to ETS to see if there are existing subscriptions that can be leveraged. Participating in a MS User Group would benefit BHA as it would be an excellent resource for networking with other users to help resolve system challenges quickly and for staying on top of D365 current events. The Project Team updated the DevOps Tool to include an RCA Category and Description fields for tracking future RCA information. To continue RCA efforts moving forward, a debrief of post-production deployments for future releases will be discussed at the Thursday Issues Meeting following a release deployment to production. IV&V notes that BHA is still working with Microsoft to schedule time to commence the efforts for regression testing automation. This functionality is expected to provide repeatable, automated regression test efforts for CAMHD and DDD in downstream releases. CAMHD has tentatively identified its planned resource for this project and plans to coordinate the needed tasks and activities with Microsoft in late April/early May. IV&V will continue to monitor this finding.	H		
Recon	Recommendations			
• Per	Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected.			
	 Perform typical project testing including System Integration, User Acceptance, Performance, and Regression Testing. 			



Recommendations	Status
Assign dedicated resources to provide oversight of CAMHD Fiscal Processes.	In Progress
BHA and RSM to collaborate on the necessary revisions to the submitted design deliverables to increase level of detail and quality.	Completed
Monitor implemented improvements for effectiveness.	In Progress
Evaluate existing project staff skills and experience level to ensure they meet BHA support requirements.	Open
 IV&V recommends performing an RCA in collaboration with RSM after all future release deployments for continual quality improvement. 	In Progress

#	Key Findings	Criticality Rating
13	Medium Issue – PII/PHI data in non-production environments. There were no substantive changes for this finding in April. Due to resource constraints, establishing a plan for managing PHI/PII data in non-production BHA environments has not yet commenced. Technical staff bandwidth shortages continues to prevent BHA from accomplishing needed new activities to support the Max/Inspire Project. It remains unclear when this important security mitigation activity will be completed.	M

Recommendations			
• IV&V recommends if production data is necessary in any non-production environment that DOH establishes a plan for effectively managing the security of the PII/PHI data, including the potential masking of data.	In Progress		
 IV&V recommends that DOH mitigates this finding by minimizing and/or masking PHI/PII data in designated non-production environments. 	In Progress		
 IV&V recommends DOH consider limiting the volume of environments and access necessary to support development work, which should help minimize this risk. 	Open		



#	Key Findings	Criticality Rating
17	Medium Risk - The bandwidth of CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to other divisions. CAMHD Leadership time spent on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration application efforts. The CAMHD level of effort is anticipated to decrease to approximately 20% in May as DOH has hired a Project Manager in April who will be dedicated to the Vaccine Registration Project, instead of BHA resources IV&V will continue to monitor this finding.	M

Recommendations	Status
 IV&V recommends CAMHD look for opportunities to augment the management staffing for planning Phase 4 	In Progress
and M&O work.	



#	#	Key Findings	Criticality Rating
2	0	Preliminary Concern – The pending RSM contract expiration will require BHA to perform transition of the D365 solution to the State prior to contract end. The RSM contract amendment is still pending approval. This amendment will extend the DD&I effort (Mod 5) to the end of December 2021 and will also provide M&O services (Mod 6) through May 2022. Mod 5 is expected to be approved in May 2021. This will delay the near-term need for a Transition Plan until first quarter 2022. IV&V will continue to monitor this finding.	N/A



#	Key Findings	Criticality Rating
21	New Preliminary Concern – The DDD Project Manager will be on leave and unavailable to the project starting in May. The DDD Project Manager performs most of the project duties on behalf of DDD and her absence may cause an increased level of risk to the project. DDD has commenced planning efforts and has assigned staff to backfill her, although they are currently assigned to other project tasks and activities. IV&V will continue to monitor this preliminary concern.	N/A



Project Performance Metrics

Metric	Metric Description IV&V Observations		IV&V Updates
Velocity	 Review and validate the velocity data as reported by the project Verify the project is on pace to hit the total target number of US/USP for Phase 3 	April – Available velocity was estimated at 60 user story points for R3.14, however a total of 58.5 USPs were completed and promoted to production. IV&V notes that RSM includes USP counts from Mid Sprint Deployments prior to a planned release as component of the planned release. IV&V notes that there were no Mid Sprint Deployments in April. Overall, the cumulative Phase 3 targeted USPs through R3.14 was planned for 1,158. The cumulative completed USPs total is currently 1,496.8.	N/A



Project Performance Metrics (cont'd.)

Metric	Description	IV&V Observations	IV&V Updates
Defect Metrics	 Understand and track the following: Defects by category (bug fixes) US Points assigned to defects in a release vs US Points assigned to planned US in a release 	 April – R3.14 was comprised of 58.5 USPs that were released to production. 70% of the total USPs were associated with planned user stories and requests. 30% of the total USPs were associated with defects from the backlog. 	N/A

Organizational Maturity Assessment

Measure IV&V Observations

The Organizational Maturity Assessment (OMA) is updated on a bi-monthly basis. IV&V currently planning for the next OMA in May 2021.



Appendix A: IV&V Rating Scales

Appendix AIV&V Rating Scales

This appendix provides the details of each finding and recommendation identified by IV&V. Project stakeholders are encouraged to review the findings and recommendations log details as needed.

- See Findings and Recommendations Log (provided under separate cover)
- IV&V Assessment Category Rating Definitions

The assessment category is under control and the current scope can be delivered within the current schedule.

The assessment category's risks and issues have been identified, and mitigation activities are effective. The overall impact of risk and issues is minimal.

The assessment category is proceeding according to plan (< 30 days late).

The assessment category is under control but also actively addressing resource, schedule or scope challenges that have arisen. There is a clear plan to get back on track.



The assessment category's risk and/or issues have been identified, and further mitigation is required to facilitate forward progress. The known impact of potential risks and known issues are likely to jeopardize the assessment category. Schedule issues are emerging (> 30 days but < 60 days late).

Project Leadership attention is required to ensure the assessment category is under control.

The assessment category is not under control as there are serious problems with resources, schedule, or scope. A plan to get back on track is needed.



The assessment category's risks and issues pose significant challenges and require immediate mitigation and/or escalation. The project's ability to complete critical tasks and/or meet the project's objectives is compromised and is preventing the project from progressing forward.

Significant schedule issues exist (> 60 days late). Milestone and task completion dates will need to be re-planned. Executive management and/or project sponsorship attention is required to bring the assessment category under control.



Appendix A

Finding Criticality Ratings

Criticality Rating	Definition
•	A high rating is assigned if there is a possibility of substantial impact to product quality, scope, cost, or schedule. A major disruption is likely, and the consequences would be unacceptable. A different approach is required. Mitigation strategies should be evaluated and acted upon immediately.
M	A medium rating is assigned if there is a possibility of moderate impact to product quality, scope, cost, or schedule. Some disruption is likely, and a different approach may be required. Mitigation strategies should be implemented as soon as feasible.
•	A low rating is assigned if there is a possibility of slight impact to product quality, scope, cost, or schedule. Minimal disruption is likely, and some oversight is most likely needed to ensure that the risk remains low. Mitigation strategies should be considered for implementation when possible.



Appendix B Inputs

This appendix identifies the artifacts and activities that serve as the basis for the IV&V observations.

Meetings attended during the April 2021 reporting period:

- Daily Scrum Meetings (selected)
- 2. Twice Weekly RSM Issues Meeting
- 3. Weekly BHA-ITS Project Status Meeting
- 4. Bi-Weekly Check-in: CAMHD
- Bi-Weekly Check-in: DDD
- 6. BHA IAPDU Planning Meeting
- 7. IV&V Draft IV&V Status Review Meeting with DOH
- IV&V Draft IV&V Status Review Meeting with RSM and DOH

Eclipse IV&V® Base Standards and Checklists

Artifacts reviewed during the April 2021 reporting period:

- Daily Scrum Notes (selected)
- 2. Twice Weekly Issues Meeting Notes (selected)
- 3. Semantic Layer Design Document



Appendix C: Project Trends

Appendix C Project Trends

Trend: Overall Project Health										
Process Area		2020-2021								
Process Area	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr
User Story Validation										
Test Practice Validation										
Sprint Planning										
Release / Deployment Planning										
OJT and KT Sessions										
Targeted KT										
Project Performance Metrics										
Organizational Maturity Metrics										
General Project Management										
Total Open Findings	6	7	7	10	11	11	10	11	8	8
Issue - high	0	0	0	0	0	0	4	4	4	3
Issue - medium	0	1	2	2	4	4	0	0	0	3
Issue - low	1	0	0	0	0	0	0	0	0	0
Risk - high	1	0	0	0	0	0	0	0	0	0
Risk - medium	2	3	3	3	2	2	2	2	4	1
Risk - low	1	0	0	0	3	3	4	4	0	0
Preliminary Concern	1	3	3	5	2	2	0	1	0	2



Solutions that Matter

ID No	Identified Dat	t Title	Observation	Significance	Recommendation	Updates	Process Area	Finding Type	Priority	Status	Closure Reason	Risk Owner
1.000	12/31/2019	Detailed investigation into the	IV&V is currently investigating	While having a high level roadmap is	As much as possible, the project should	01/31/2020 - IV&V is closing this concern, and	Sprint Planning	Concern	N/A	Closed	Due to	V Ramesh
		project's sprint planning processes	the following topics as they	good, the project should be able to	identify what feature enhancements will	will be tracking items related to Definition of					multiple new	
		and adoption of generally accepted	relate to Sprint Planning and	identify what feature enhancements	be targeted for each Release and should	Done, roadmap, resourcing, and backlog					items being	
		agile best practices.	the project's overall approach	will be targeted for each planned	clearly map out the roadmap out through	grooming in new, separate findings.					tracked at a	
			to agile software	release. This roadmap will help the	the last Phase 3 release in September						more granular	
			development:	project manage scope and productivity	. 2020.						level, this item	
			- IV&V acknowledges that the	Relatedly, the "definition done" is an	Additionally, the project should clearly						has been	
			project is now planning three	important artifact to ensure that the	define "Done" to ensure the project team						closed.	
			sprints outs, however, it	project is successful. Otherwise, the	is working towards the same goal and							
			appears that only a "high-	project will struggle to prioritize	increase opportunities for success. Having	S .						
			level" sprint planning	requests/enhancements and manage	a clear "definition of done" will help							
			roadmap has been produced,	scope.	provide the project with guidance on how	, l						
			and it is unclear exactly how		to stay within scope.							
			the project is targeting									
			features for each release									
			through the end of Mod 4.									
			- IV&V is not aware of how									
			the project is currently									
			defining "done" for Mod 3 and									
			Mod 4									
			Additionally, in the January									
			2020 reporting period, IV&V									
			will seek additional									
			information and visibility into									
			the project's processes									
			specific to prioritizing requests and how user stories in TFS									
2.000	12/31/2019	As a result of regression testing not		Thorough vetting and validation of	To address regression testing, the Project	04/30/2021 - IV&V has confirmed with DDD	Test Practice	Issue	Medium	Open		D Macdonald
2.000	12,51,2015	being consistently performed,	deprecated features in	regression test cases is necessary to	should continue to pursue and/or	that their current regression testing efforts are		Issue	Ivicaiaiii	Орен		D Wacachara
		production releases are both	production specific to	prevent both defects and the	consider:	effective. IV&V recognizes that CAMHD does						
		breaking and deprecating existing	Integrated Support and Life	I'	1. Updating the regression test scripts to	not perform industry standard regression						
		functionality in the production	Trajectory functionality. DDD	when a release is pushed live. When	ensure consistency with system	testing to validate the introduction of new						
		environment.	has informed IV&V that there	defects occur in production, the project		code does not break existing functionality.						
			are other examples of		2. Modifying release schedules to allow	However, CAMHD performs component testing	<u>, </u>					
			· ·	process for determining the root cause		prior to production release, and are satisfied	1					
			after a release, some of which	I.	Completed	this meets their pre-production testing needs.						
			are still being investigated. As		1 .	Efforts to plan the development of automated	1					
			of this report, IV&V has not		to avoid unnecessary repetitive work	regression test scripts with Microsoft						
			evaluated the project's root		being performed in any given section of	continues. CAMHD has tentatively identified its	5					
			cause analysis (RCA) process		the solution - Completed	planned resource for this project and plans to						
			used to determine why such		4. Performing regression testing after	coordinate the needed tasks and activities with						
			functionality was deprecated		every release, or possibly every other	Microsoft in May.						
			but will discuss further with		release, or potentially tying regression	IV&V has reduced the criticality rating for this						
			BHA in January 2020.		tests to full solution upgrade releases. In	finding from a high issue to a medium issue as						
					addition, consider alternating the DDD	the project moves towards automation that						
					and CAMHD scripts every other release -	will provide industry standard regression						
					Completed	testing. IV&V will continue to monitor this						
					5. Modifying regression test scripts to	finding.						
					start AFTER case creation, limiting the	03/31/2021 - R3.13 was promoted to						
					time it takes to execute - Completed	production on 3/14/2021. The Root Cause						
					6. Modifying the deployment scripts	Analysis (RCA) effort from R3.12 was	1					
					based on information gained from	completed in March resulting in several						
	1	1			previous release deployments -	recommendations for increasing the quality of	1	1	l	1	1	1
					Completed	Testing. The corresponding RCA Action Plans						

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3.000	12/31/2019	Usage of open source JavaScript	IV&V learned in December	Open source tools and frameworks	IV&V recommends BHA work to establish	08/31/2020 - IV&V is unaware of any	Targeted KT	Risk	Low	Closed		D Macdonald
		framework for development and	2019 that the Calculator 3.0	offer organizations great opportunities	a reliable and repeatable process for	additional KT gaps being identified by DOH,					successfully	
		ongoing maintenance of Calculator		to build and configure customized	keeping abreast of communal updates	and as such, is closing this finding.					held several KT	
		3.0 requires BHA to take a	an open source JavaScript	solutions at lower costs than through	and support opportunities for a new suite	07/04/0000 71 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					sessions for	
		proactive approach to support and		software purchase or licensing.	of tools - Completed	07/31/2020 - The Project resolved the majority					this technology	
		security.	is relatively new, the open	However, open source tools and	IV&V recommends BHA continue to hold	of the outstanding Calculator 3.0 defects					and	
			source support community is	frameworks often do not come with	targeted KT sessions with RSM on	during July which was implemented in the mid-					functionality,	
			small. IV&V's concerns	support models, other than those	maintaining Calculator 3.0 via a suite of	sprint release on 7/17/2020. The final					and DOH staff	
			include:	offered through the tool's community.	tools, and determine what additional	Calculator 3.0 Knowledge Transfer session was					have stated	
			- The availability of reliable	Because of this, the organization bears	skillsets, training, and/or resources are	conducted on 7/17/2020. IV&V recommends					that it was well	
			support for Vue.JS	the weight of seeking out reliable help	needed to support BHA's long-term	BHA to identify and communicate any					received.	
			- The project's understanding	and support, as well as much take a	ownership of Calculator 3.0 - Completed	additional KT gaps to RSM during the month of						
			of any known vulnerabilities	proactive approach to security and		August. If no additional needs are identified,						
			with Vue.JS, and development	identifying any vulnerabilities in the		IV&V will close this finding.						
			of a process to remain current	tools.		06/30/2020 - The project continued to focus						
			on vulnerabilities discovered			attention on the Calculator 3.0 defects during						
			by the support community.			the month of June. RSM conducted another						
			- The RSM lead for Calculator			Calculator 3.0 Knowledge Transfer session on						
			3.0 went on extended parental			6/26/2020 and scheduled a final session for						
			leave in December 2019			7/17/2020.						
			IV&V acknowledges that BHA									
			has downloaded Vue.JS to			05/31/2020 - The project continued to focus						
			start getting familiar with it.			attention on the Calculator 3.0 user stories and						
						defects during the month of May. RSM						
						conducted another Calculator 3.0 Knowledge						
						Transfer session on 5/29/2020 which IV&V						
						attended. This session included the new C3.0						
5.000	1/31/2020	Due to the project not following a	There have been several	A complete, up to date, and	IVV recommends documenting	12/31/2020 - IV&V has closed this issue as the	Release/Deployme	Issue	Medium	Closed	Key finding has	D Macdonald
		detailed deployment script, the	defects pushed to production	documented deployment script is	deployment scripts for both the patch		nt Planning				been	
		project may continue to experience		needed to ensure the repeatability and	method and the full solution upgrade	completed. A subsequent medium issue					addressed and	
		defects related to deployment	the defects introduced to	stability of DOH's production	method. The script(s) should be in the	finding (#19) has been opened to address					proposed IV&V	
		activities.	production have been	deployments. Since there are currently	form of a step-by-step procedure that	ongoing deployment processes and technical					recommendati	
			narrowed down to	two deployment types (patches and	walks through from start to finish of the						ons have been	
					_	execution issues.					1	
			environmental promotional	full solution upgrades), two scripts may	deployment process and involve several	11/30/2020 - Release 3.10 was promoted to					completed. A	
			environmental promotional activities. In these instances,	full solution upgrades), two scripts may be warranted. An embedded process	deployment process and involve several technical staff to ensure staff availability	11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine					completed. A subsequent	
1			environmental promotional activities. In these instances, the DEV and TEST	full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure	deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary	11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine (9) new defects were identified after the					completed. A subsequent finding #19 has	
			environmental promotional activities. In these instances, the DEV and TEST environments were not in sync	full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure that mistakes are minimized, and that	deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary deployment personnel are unavailable.	11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine (9) new defects were identified after the deployment. Root causes are suspected to be a					completed. A subsequent finding #19 has been created	
			environmental promotional activities. In these instances, the DEV and TEST environments were not in sync with the production	full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure that mistakes are minimized, and that functionality is not mistakenly	deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary deployment personnel are unavailable. Standardize the content of all developer	11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine (9) new defects were identified after the deployment. Root causes are suspected to be a combination of insufficient testing from a					completed. A subsequent finding #19 has been created to address on-	
			environmental promotional activities. In these instances, the DEV and TEST environments were not in sync with the production environment (missing	full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary deployment personnel are unavailable. Standardize the content of all developer deployment task notes, with a goal of	11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine (9) new defects were identified after the deployment. Root causes are suspected to be a combination of insufficient testing from a business perspective coupled with deployment					completed. A subsequent finding #19 has been created to address on- going	
			environmental promotional activities. In these instances, the DEV and TEST environments were not in sync with the production environment (missing business rules, missing	full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure that mistakes are minimized, and that functionality is not mistakenly	deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary deployment personnel are unavailable. Standardize the content of all developer deployment task notes, with a goal of eliminating any potential ambiguity to the	11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine (9) new defects were identified after the deployment. Root causes are suspected to be a combination of insufficient testing from a business perspective coupled with deployment issues. A bulk record update task required as					completed. A subsequent finding #19 has been created to address on- going deployment	
			environmental promotional activities. In these instances, the DEV and TEST environments were not in sync with the production environment (missing business rules, missing components, missing	full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary deployment personnel are unavailable. Standardize the content of all developer deployment task notes, with a goal of eliminating any potential ambiguity to the Deployment Team, resulting in a cleaner	11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine (9) new defects were identified after the deployment. Root causes are suspected to be a combination of insufficient testing from a business perspective coupled with deployment issues. A bulk record update task required as part of the implementation was not included in					completed. A subsequent finding #19 has been created to address on- going deployment processes and	
			environmental promotional activities. In these instances, the DEV and TEST environments were not in sync with the production environment (missing business rules, missing components, missing dependencies, etc.). IVV is	full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary deployment personnel are unavailable. Standardize the content of all developer deployment task notes, with a goal of eliminating any potential ambiguity to the Deployment Team, resulting in a cleaner and more repeatable set of deployment	11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine (9) new defects were identified after the deployment. Root causes are suspected to be a combination of insufficient testing from a business perspective coupled with deployment issues. A bulk record update task required as part of the implementation was not included in the deployment, resulting in contacts being					completed. A subsequent finding #19 has been created to address on- going deployment processes and technical	
			environmental promotional activities. In these instances, the DEV and TEST environments were not in sync with the production environment (missing business rules, missing components, missing dependencies, etc.). IVV is aware that DOH staff	full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary deployment personnel are unavailable. Standardize the content of all developer deployment task notes, with a goal of eliminating any potential ambiguity to the Deployment Team, resulting in a cleaner	11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine (9) new defects were identified after the deployment. Root causes are suspected to be a combination of insufficient testing from a business perspective coupled with deployment issues. A bulk record update task required as part of the implementation was not included in the deployment, resulting in contacts being deprecated from the Circle of Support in					completed. A subsequent finding #19 has been created to address on- going deployment processes and technical execution	
			environmental promotional activities. In these instances, the DEV and TEST environments were not in sync with the production environment (missing business rules, missing components, missing dependencies, etc.). IVV is aware that DOH staff shadowed RSM staff for all	full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary deployment personnel are unavailable. Standardize the content of all developer deployment task notes, with a goal of eliminating any potential ambiguity to the Deployment Team, resulting in a cleaner and more repeatable set of deployment	11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine (9) new defects were identified after the deployment. Root causes are suspected to be a combination of insufficient testing from a business perspective coupled with deployment issues. A bulk record update task required as part of the implementation was not included in the deployment, resulting in contacts being deprecated from the Circle of Support in Inspire. It is unclear if any other deployment					completed. A subsequent finding #19 has been created to address on- going deployment processes and technical	
			environmental promotional activities. In these instances, the DEV and TEST environments were not in sync with the production environment (missing business rules, missing components, missing dependencies, etc.). IVV is aware that DOH staff shadowed RSM staff for all deployment releases during	full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary deployment personnel are unavailable. Standardize the content of all developer deployment task notes, with a goal of eliminating any potential ambiguity to the Deployment Team, resulting in a cleaner and more repeatable set of deployment	11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine (9) new defects were identified after the deployment. Root causes are suspected to be a combination of insufficient testing from a business perspective coupled with deployment issues. A bulk record update task required as part of the implementation was not included in the deployment, resulting in contacts being deprecated from the Circle of Support in Inspire. It is unclear if any other deployment issues may have also contributed to the new					completed. A subsequent finding #19 has been created to address on- going deployment processes and technical execution	
			environmental promotional activities. In these instances, the DEV and TEST environments were not in sync with the production environment (missing business rules, missing components, missing dependencies, etc.). IVV is aware that DOH staff shadowed RSM staff for all deployment releases during Phase 2 with RSM providing	full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary deployment personnel are unavailable. Standardize the content of all developer deployment task notes, with a goal of eliminating any potential ambiguity to the Deployment Team, resulting in a cleaner and more repeatable set of deployment	11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine (9) new defects were identified after the deployment. Root causes are suspected to be a combination of insufficient testing from a business perspective coupled with deployment issues. A bulk record update task required as part of the implementation was not included in the deployment, resulting in contacts being deprecated from the Circle of Support in Inspire. It is unclear if any other deployment issues may have also contributed to the new defects. Deployment corrections were applied					completed. A subsequent finding #19 has been created to address on- going deployment processes and technical execution	
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			environmental promotional activities. In these instances, the DEV and TEST environments were not in sync with the production environment (missing business rules, missing components, missing dependencies, etc.). IVV is aware that DOH staff shadowed RSM staff for all deployment releases during Phase 2 with RSM providing instruction and DOH staff physically executing the tasks and activities via keyboard. For Phase 3, it is unclear whether a complete, up to	full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary deployment personnel are unavailable. Standardize the content of all developer deployment task notes, with a goal of eliminating any potential ambiguity to the Deployment Team, resulting in a cleaner and more repeatable set of deployment	11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine (9) new defects were identified after the deployment. Root causes are suspected to be a combination of insufficient testing from a business perspective coupled with deployment issues. A bulk record update task required as part of the implementation was not included in the deployment, resulting in contacts being deprecated from the Circle of Support in Inspire. It is unclear if any other deployment issues may have also contributed to the new defects. Deployment corrections were applied in a mid sprint release on 11/27/2020. Based on the recurrence of this finding, IV&V has changed this Risk to an Issue and will continue to monitor until resolved.					completed. A subsequent finding #19 has been created to address on- going deployment processes and technical execution	
			environmental promotional activities. In these instances, the DEV and TEST environments were not in sync with the production environment (missing business rules, missing components, missing dependencies, etc.). IVV is aware that DOH staff shadowed RSM staff for all deployment releases during Phase 2 with RSM providing instruction and DOH staff physically executing the tasks and activities via keyboard. For Phase 3, it is unclear whether a complete, up to date, and documented	full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary deployment personnel are unavailable. Standardize the content of all developer deployment task notes, with a goal of eliminating any potential ambiguity to the Deployment Team, resulting in a cleaner and more repeatable set of deployment	11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine (9) new defects were identified after the deployment. Root causes are suspected to be a combination of insufficient testing from a business perspective coupled with deployment issues. A bulk record update task required as part of the implementation was not included in the deployment, resulting in contacts being deprecated from the Circle of Support in Inspire. It is unclear if any other deployment issues may have also contributed to the new defects. Deployment corrections were applied in a mid sprint release on 11/27/2020. Based on the recurrence of this finding, IV&V has changed this Risk to an Issue and will continue to monitor until resolved. 10/31/2020 - The RSM and DOH Teams have collaborated to develop a detailed Production					completed. A subsequent finding #19 has been created to address on- going deployment processes and technical execution	
			environmental promotional activities. In these instances, the DEV and TEST environments were not in sync with the production environment (missing business rules, missing components, missing dependencies, etc.). IVV is aware that DOH staff shadowed RSM staff for all deployment releases during Phase 2 with RSM providing instruction and DOH staff physically executing the tasks and activities via keyboard. For Phase 3, it is unclear whether a complete, up to	full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary deployment personnel are unavailable. Standardize the content of all developer deployment task notes, with a goal of eliminating any potential ambiguity to the Deployment Team, resulting in a cleaner and more repeatable set of deployment	11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine (9) new defects were identified after the deployment. Root causes are suspected to be a combination of insufficient testing from a business perspective coupled with deployment issues. A bulk record update task required as part of the implementation was not included in the deployment, resulting in contacts being deprecated from the Circle of Support in Inspire. It is unclear if any other deployment issues may have also contributed to the new defects. Deployment corrections were applied in a mid sprint release on 11/27/2020. Based on the recurrence of this finding, IV&V has changed this Risk to an Issue and will continue to monitor until resolved.					completed. A subsequent finding #19 has been created to address on- going deployment processes and technical execution	

6.000	1/31/2020	The project lacks a documented 'Definition of Done", which could challenge the project's ability to fully achieve the goals of Phase 3.	BHA does not have a documented 'Definition of Done' (DOD) for the BHA Top 100 User Stories of for Phase 3. Because of this, it is unclear how proposed functionality/features are prioritized for each sprint, and throughout Phase 3.	The 'Definition of Done" document guides the Project's vision, business, and technical goals that are important inputs for stakeholders to develop a Roadmap for Phase 3. Without the 'Definition of Done' document, the project is likely to struggle to prioritize proposed functionality/features which may be equally important but are at odds with each other.	Project is currently in the process of creating the Definition of Done. IV&V recommends that the project create this document and socialize this with project team before end of Feb 2020 IV&V recommends that the project consider the items from the prioritized list, available resources and define "Done" as a percentage of the identified priority list with room for flexibility to add any other features/enhancements that will be identified during Phase 3.	02/29/2020 - The project created and documented the Phase 3 Definition of Done and socialized it in February. IV&V recommends the project continually review and update the Definition of Done, adjusting as/if necessary. IV&V will continue to monitor the project's adherence to Definition of Done and progress against it but is closing out this concern as of the February report.	Project Management	Concern	N/A	Closed	Definition of Done completed and socialized.	V Ramesh
7.000	1/31/2020	The lack of consistent backlog grooming could result in the project backlog having obsolete, non-estimated, and poorly defined user stories.	The backlog of defects, requests, and user stories continues to grow. Currently, there are approximately 429 defects and requests, of which almost 200 have a status of 'New'. IVV notes that a large percentage of the backlogged work items do not have user story points estimated. Many of the items listed in the backlog are old, and some may have had needs or requirements change over time or may now be obsolete. IV&V notes that DDD and CAMHD have initiated this effort and agreed to prioritize grooming the backlog by the end of February.	a primary tenet of agile software development. If a backlog is carrying work items that may not ever be completed for any reason, they should	IVV recommends that CAMHD and DDD groom the backlog to bring it as current and accurate as possible. This should include deprecating items no longer needed, and fully defining those items that are not yet fully defined, readying them for configuration or developer resources. To the extent feasible, BHA should involve RSM SMEs in this process, if only for the interim to get "caught up" on grooming efforts. (Closed) VV recommends that the project consider utilizing an age-based methodology for the deprecation of 'older' user stories in the backlog that may no longer be applicable or needed by the Product Owners and developing a process for periodic cleansing of the backlog using the same methodology. (Closed)	06/30/2020 - IV&V has observed for another month that the project continues to groom the backlog. As a result, we are closing this finding. 05/31/2020 - The project team has determined the backlog grooming effort has caught up, as details for release 3.9 are completed and 3.10 is near completion. IV&V will keep this finding open for an additional month to validate that the backlog continues to be groomed as new stories and defects are identified. Efforts to keep the backlog groomed should take place each month so that release planning efforts are not delayed. 04/30/2020 - The project reported that 97% of the original backlog has been estimated at this time. That said, CAMHD has determined that there are several older, and possibly no longer necessary user stories in the backlog that are candidates for deletion. IV&V will keep this finding open and will re-assess it for impact during the month of May. 03/31/2020 - IV&V validates that the backlog grooming effort has made great progress, however it is still in progress. The revised target date for completion was most recently		Risk	Low	Closed	The project has demonstrated they are consistently grooming the backlog.	D Macdonald

8.000	1/31/2020	The BHA Technical Team bandwidth may not be sufficient to meet the needs of the project, which could compromise project productivity.	a role that is critical to project success. Currently, the responsibilities associated with the BHA Technical Team have expanded beyond their collective available bandwidth. IV&V notes that BHA began	project. As such, the Team's time is	mechanisms of increasing the bandwidth of the BHA Technical Team, either by adding resources through new hires, or vendor contracts. The Project should assess, where possible, if there are responsibilities of the BHA Technical Team that can be reassigned to other project staff. The Project should evaluate where process inefficiencies can be addressed and streamlined to possibly free up the BHA Technical Team's availability. The Project should consider the formation of a first level M&O resource team to triage/address production defects in a timely manner, without disrupting new development work. The Project should consider procurement of an online training toolset to support OCM and technical efforts to offset the need for in-person training - COMPLETED.	04/30/2021 - As planned, BHA continued to take on more lead responsibilities in the areas of user story ownership and performing code reviews during the month of April. CAMHD was notified that their open IT Technical position is on a temporary freeze. IV&V has elevated this finding from a medium risk to a medium issue and will continue to monitor this finding. 03/31/2021 - BHA continued to take on more lead responsibilities in the areas of user story ownership and performing code reviews during the month of April. CAMHD remains hopeful their open IT Technical position will be posted in May. IV&V will continue to monitor this finding. 02/28/2021 - Due to lack of administrative approvals, the internal BHA efforts to post and fill technical positions have slowed. CAMHD is hopeful that the open IT Technical position will be posted in March. IV&V will continue to monitor. 01/31/2021 - Due to internal DOH processes, the recruiting announcement for CAMHD's open IT Technician position was delayed until February. IV&V will continue to monitor this finding. IV&V notes that the RSM Team continued to	Sprint Planning	Issue	Medium	Open		D Macdonald
9.000	1/31/2020	the near term (next 3 months), midterm, and long term could have	definitive Product Roadmap for Phase 3 that addresses the functionalities, features, and /	A Roadmap is a tool that guides an agile project on what functionalities/features are targeted to be built and released and when users can have access to these functionalities. Without a defined Roadmap the project may not be able to effectively scope the top features to be released within Phase 3 and ensure the correct resources are available to accomplish the goal of each sprint and the Phase.	recommends the Project complete this by the end of February 2020 to understand if there are any constraints (resources, budget) that may hinder the project from releasing the needed functionalities/features targeted for Phase 3 as documented in the Definition	02/29/2020 - In February, the project further defined the Phase 3 Product Roadmap and aligned it with the Phase 3 Definition of Done. IV&V recommends the project continually review and update both the Product Roadmap and Definition of Done, adjusting as necessary. IV&V will continue to monitor the project's adherence to the Product Roadmap and progress against it but is closing out this concern as of the February report.	Project Management	Concern	N/A		Product Roadmap aligned with Definition of Done	V Ramesh

10.000	3/31/2020	The COVID-19 pandemic and the related "stay at home" order could	On 3/23/2020, the Governor issued a "stay at home, work	DOH stakeholder participation in key activities could be significantly	- IV&V recommends BHA to ramp up efforts to setup, train, and assist	04/30/2021 - The Project continues to maintain its ability to operate with staff working	Project Management	Risk	Low	Closed	The Project continues to	D Macdonald
		hinder project activities and	from home order" that has	hindered, not only by required remote	stakeholders on remote work devices and	remotely, effectively overcoming the "stay at	Wanagement				maintain its	
		negatively impact the project	reduced state departments	work by DOH and SI staff, but also by	tools and make every effort to help them	home, work from home order" that reduced					ability to	
		schedule and budget.	ability to be fully functional as	the flood of activities that could occur	to become highly functional with remote	BHA's ability to be fully functional in the office.					operate with	
		Schedule and budget.	the large majority of state	as the department could become	access technology (e.g. MS	The potential DDD and CAMHD budget					staff working	
			workers will be required to	overwhelmed processing and providing		challenges reported in March were also					remotely,	
			work from home/remotely at	services due to the resulting economic	- IV&V recommends the project and DOH	overcome during April, providing fiscal relief to					effectively	
			least until the end of April and	_	create a detailed, documented risk	BHA. As such, IV&V is closing this finding.					overcoming	
			some offices may be	may be unable (due to stricter	mitigation strategy and plan that is	03/31/2021 - The Project continued to					the "stay at	
			completely shut down until	shutdown policies) or unwilling to	reviewed regularly and revised to address	maintain its ability to operate with staff					home, work	
			that time as well. Unclear if	perform these activities during this	the current state of the COVID-19 threat	working remotely, while COVID-related					from home	
			the order will extend beyond	chaotic time. Planned SI on-site visits		responsibilities continue to grow for CAMHD					order" that	
			that date.	will also likely be changed to remote	months - In Progress	Leadership. The Governor announced that					reduced BHA's	
			triat date.	, -	1							
				which could reduce the effectiveness	- IV&V recommends updates to the OCM Plan to include any new activities or	potential furloughs and/or layoffs of State					ability to be fully functional	
				of their project activities. Going	'	workers will no longer be necessary based on					in the office.	
				forward most if not all project	updates to planned activities to aid the	the signing of the American Rescue Plan. IV&V						
				activities will more than likely be	organization through this COVID-19	has reduced the priority of this finding from					The potential	
				conducted remotely until this crisis	situation in the short and long term -	Medium to Low and will continue to monitor					DDD and CAMHD	
				passes.	Open	moving forward.					1	
						02/28/2021 - As reported in January, there					budget	
						were no substantive changes observed for this					challenges	
						finding in February. The Project continued to					reported in	
						maintain its ability to operate with staff					March were	
						working remotely. IV&V continues to note that					also overcome	
						there may be potential future budget actions					during April,	
						by the Governor due to projected State budget					providing fiscal	
11.000	5/31/2020	The lack of design reviews for	There were a couple incidents	If all requirements within a functional	IV&V recommends (and DOH has	07/31/2020 - The Project continues to to spend		Concern		Closed	This process	
		complex user stories has resulted	during May where the code	design are not met, users could	commenced) conducting technical design	additional time on the designs of complex user					change to	
		in the promotion of incomplete	promoted to production did	experience the inability to complete	reviews for complex user stories prior to	stories during June to ensure requirements and					spend extra	
		solutions into production.	not fully meet all	required processes, resulting in	development to ensure designs are	user story components were fully captured in					time on the	
			requirements of associated	incomplete data collection and	complete and all requirements associated	design sessions. This process change has					design of	
			user stories for CAMHD	potential issues in service delivery.	with the design are met. IV&V observed	proven successful, and as such, IV&V					complex user	
			Progress Notes. The		this activity has been implemented by	recommends closing this concern.					stories to	
			components that were		DOH in the month of May.	06/30/2020 - IV&V acknowledges the Project					ensure that all	
			developed and implemented			Team continued to spend additional time on					requirements	
			were functional, however the			the designs of complex user stories during June					are	
			effort was complicated by			to ensure requirements and user story					represented	
			additional requirements being			components were fully captured in design					has proven to	
			added during development			sessions. IV&V will continue to monitor in July.		1			be successful.	
			that necessitated additional					1				
			changes to the design. IV&V									
			will continue to monitor the									
			design review activity for large									
			user stories moving forward									

12.000	7/31/2020	DDD Project resource shortages	The user adoption and training	The significance and impact of OCM	IV&V recommends that BHA does as	03/31/2021 - The DDD staff who've been part	Project	Risk	Low	Closed	The DDD staff	D Macdonald
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	may have a continued negative	efforts are hampered based	can never be understated. It is clearly	much as possible within its sphere of	of the review process are pleased with the	Management			0.0504	who've been	D Wacadonala
		effect on user adoption, training,	on staffing shortages. DDD	a best practice that best that all staff	influence to increase user adoption and	quality of the videos produced within the					part of the	
		and overall OCM activities.	has stated that its users have	utilize the solution in the same	training. This includes procurement of the	toolset and have determined that the toolset is					review process	
			been found to not be utilizing	manner. Variations in how the system	online training toolsets to offset the need	a very helpful training tool for DDD staff and					are pleased	
			the system to its fullest extent	is utilized by its users is likely to cause	for in-person training, and adding staff as	providers. As such, IV&V is closing this finding.					with the	
			in terms of system workflow,	variations in data collection and	needed to support OCM and technical	02/28/2021 - Training videos using the new					quality of the	
			provide their insights and	analytical efforts using the data	efforts.	toolset were nearing completion by the end of					videos	
			input, follow up, etc. To assist		IV&V recommends DOH perform a	February. DOH is currently reviewing the drafts					produced	
			in OCM activities, DDD has		detailed investigation of the specific	of the second set of videos and work is					within the	
			defined the need for an		variations as to how the system is	progressing well. IV&V will continue to monitor					toolset, and	
			interactive training tool to		currently being used by the user	this finding until DDD has had sufficient time to					have	
			support Inspire.		community. Consequently, users would	determine the overall quality of the training					determined	
					be provided with constructive feedback	work products and whether the new toolset is					that the	
					on how the system should be utilized	addressing user adoption and staffing					toolset is a	
					where gaps exist. This will likely lead to	shortages for these task efforts.					very helpful	
					additional refresher training to close	01/31/2021 - Training design activities using					training tool	
					identified system knowledge gaps.	the interactive training toolset commenced in					for DDD staff	
					, , , , , ,	January and has attained good progress. The					and providers.	
						use of this tool is expected to provide some						
						bandwidth relief for DDD staff members						
						responsible for onboarding new staff members						
						and providers, and to provide refresher						
						training to existing staff members. IV&V will						
						continue to monitor this finding						
						12/31/2020 - The contract to procure the						
						interactive training toolset for onboarding new						
						Interactive training toolset for onboarding new						
13.000	8/31/2020	PII/PHI data in non-production	IV&V has been made aware	Failure to secure PII/PHI data leaves	IV&V recommends if production data is	04/30/2021 - There were no substantive	Project	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production environments	IV&V has been made aware that PII/PHI data currently	Failure to secure PII/PHI data leaves the organization open to highly	IV&V recommends if production data is necessary in any non-production		Project Management	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	i i		1	· ·	04/30/2021 - There were no substantive	1 -	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	i i	that PII/PHI data currently	the organization open to highly	necessary in any non-production	04/30/2021 - There were no substantive changes for this finding in April. Due to	1 -	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	i i	that PII/PHI data currently exist in a non-production	the organization open to highly targeted social engineering attacks,	necessary in any non-production environment that DOH establishes a plan	04/30/2021 - There were no substantive changes for this finding in April. Due to resource constraints, establishing a plan for	1 -	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	i i	that PII/PHI data currently exist in a non-production environment to meet project	the organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of	necessary in any non-production environment that DOH establishes a plan for effectively managing the security of	04/30/2021 - There were no substantive changes for this finding in April. Due to resource constraints, establishing a plan for managing PHI/PII data in non-production BHA	1 -	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	i i	that PII/PHI data currently exist in a non-production environment to meet project needs. Generally this is not a	the organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of	necessary in any non-production environment that DOH establishes a plan for effectively managing the security of the PII/PHI data, including the potential	04/30/2021 - There were no substantive changes for this finding in April. Due to resource constraints, establishing a plan for managing PHI/PII data in non-production BHA environments has not yet commenced. Technical staff bandwidth shortages continues to prevent BHA from accomplishing needed	1 -	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	i i	that PII/PHI data currently exist in a non-production environment to meet project needs. Generally this is not a good security practice as the	the organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of	necessary in any non-production environment that DOH establishes a plan for effectively managing the security of the PII/PHI data, including the potential masking of data. IV&V recommends that DOH mitigates this finding by removing and/or masking	04/30/2021 - There were no substantive changes for this finding in April. Due to resource constraints, establishing a plan for managing PHI/PII data in non-production BHA environments has not yet commenced. Technical staff bandwidth shortages continues	1 -	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	i i	that PII/PHI data currently exist in a non-production environment to meet project needs. Generally this is not a good security practice as the presence of PII/PHI data in non-production environments increases the potential for	the organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of	necessary in any non-production environment that DOH establishes a plan for effectively managing the security of the PII/PHI data, including the potential masking of data. IV&V recommends that DOH mitigates this finding by removing and/or masking any PHI/PII data in its non-production	04/30/2021 - There were no substantive changes for this finding in April. Due to resource constraints, establishing a plan for managing PHI/PII data in non-production BHA environments has not yet commenced. Technical staff bandwidth shortages continues to prevent BHA from accomplishing needed new activities to support the Max/Inspire Project. It remains unclear when this	1 -	Issue	Medium	Open		D Macdonald
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13.000	8/31/2020	i i	that PII/PHI data currently exist in a non-production environment to meet project needs. Generally this is not a good security practice as the presence of PII/PHI data in non-production environments increases the potential for theft, loss or exposure thus increasing the organization's risk. Failure to secure PII/PHI data leaves the organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of	the organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of	necessary in any non-production environment that DOH establishes a plan for effectively managing the security of the PII/PHI data, including the potential masking of data. IV&V recommends that DOH mitigates this finding by removing and/or masking any PHI/PII data in its non-production environments. NEW - IV&V recommends DOH consider limiting the volume of environments and access necessary to support development work, which should help minimize this	04/30/2021 - There were no substantive changes for this finding in April. Due to resource constraints, establishing a plan for managing PHI/PII data in non-production BHA environments has not yet commenced. Technical staff bandwidth shortages continues to prevent BHA from accomplishing needed new activities to support the Max/Inspire Project. It remains unclear when this important security mitigation activity will be completed. 03/31/2021 - There were no substantive changes for this finding in March. Due to resource constraints, establishing a plan for managing PHI/PII data in non-production DOH environments has not yet commenced. Based on continued delays, it remains unclear when this important security mitigation activity will be completed. IV&V has raised the priority of this finding from a Low Risk to a Medium Issue due to delays in resolving this finding. IV&V will continue to monitor. 02/28/2021 - There were no substantive changes for this finding in February. BHA is	1 -	Issue	Medium	Open		D Macdonald

14	4.000	8/31/2020	Project not able to access Activity	The Project recently deployed	The unavailability of activity logs may	IV&V recommends that DHS continues to	03/31/2021 - Per BHA, this finding is no longer	Release/Deployme	Risk	Low	Closed	Finding has	D Macdonald
1		0,01,2020	Logs	audit log functionality into	hamper the investigation of future	collaborate with Microsoft until the	an issue and recommends closure. IV&V is	nt Planning		20.11	Closed	been resolved.	D Widedoridia
			12083	production whereby these	security breaches.	activity logging feature is available in all	closing this finding.					Decir resorred.	
				logs can be accessed and	,	BHA non-production environments.	02/28/2021 - BHA continued this effort in						
				exported as needed. However,			February despite a workaround being						
				IV&V was made aware access			necessary from Microsoft due to a layering						
				to activity logging for users			issue. Based on continued delays, it is unclear						
				with just view permissions will			when this important security activity will be						
				not be available from			completed. IV&V will continue to monitor this						
				Microsoft in the public sector			finding. (Per Kamu, this status information did						
				environment until the end of			not correctly reflect the issue as the layering						
				September 2020. The			issue has no relation to the activity logs.)						
				unavailability of these specific			01/31/2021 - The implementation effort for						
				activity logs could potentially			this activity moved forward in January. Some						
				hamper the investigation of			of the entities will have activity logging						
				future security events until			completed in the planned early February						
				implemented.			Release 3.12, while others will be delayed until						
							Release 3.13. IVV will continue to monitor.						
							12/31/2020 - The planning effort for						
							identifying the entities that will require						
							activation of the new activity logs was						
							completed during December. The						
							implementation effort has been prioritized for						
							inclusion in Release 3.12. IV&V will continue to						
							monitor this finding until implemented.						
							11/30/2020 - The DOH technical team has						
							commenced the analytical effort to determine						
							•						
15	5.000	9/30/2020	Due to multiple quality concerns,	System defects identified in	The identified quality issues have	To address quality issues, the Project	04/30/2021 - BHA has commenced mitigation	Project	Issue	High	Open		D Macdonald
15	5.000	9/30/2020	the project may continue to face	August that affected claims	negatively affected DOH billing	should continue to pursue and/or	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA	Project Management	Issue	High	Open		D Macdonald
15	5.000	9/30/2020		August that affected claims were due to multi-faceted	negatively affected DOH billing processes and DOH has stated these	should continue to pursue and/or consider:	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects.	1 -	Issue	High	Open		D Macdonald
15	5.000	9/30/2020	the project may continue to face	August that affected claims were due to multi-faceted quality issues were	negatively affected DOH billing processes and DOH has stated these are the most impactful defects	should continue to pursue and/or consider: 1) Perform revenue neutrality fiscal	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been	1 -	Issue	High	Open		D Macdonald
15	5.000	9/30/2020	the project may continue to face	August that affected claims were due to multi-faceted quality issues were individually addressed during	negatively affected DOH billing processes and DOH has stated these	should continue to pursue and/or consider: 1) Perform revenue neutrality fiscal balance testing on a quarterly basis to	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been prioritized, specific action is being taken to	1 -	Issue	High	Open		D Macdonald
15	5.000	9/30/2020	the project may continue to face	August that affected claims were due to multi-faceted quality issues were individually addressed during this reporting period. IV&V	negatively affected DOH billing processes and DOH has stated these are the most impactful defects	should continue to pursue and/or consider: 1) Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected.	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been prioritized, specific action is being taken to update the existing deployment standard	1 -	Issue	High	Open		D Macdonald
15	5.000	9/30/2020	the project may continue to face	August that affected claims were due to multi-faceted quality issues were individually addressed during this reporting period. IV&V notes that there is one	negatively affected DOH billing processes and DOH has stated these are the most impactful defects	should continue to pursue and/or consider: 1) Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected. 2) Performing typical project testing	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been prioritized, specific action is being taken to update the existing deployment standard checklist to address issues found with	1 -	Issue	High	Open		D Macdonald
15	5.000	9/30/2020	the project may continue to face	August that affected claims were due to multi-faceted quality issues were individually addressed during this reporting period. IV&V notes that there is one remaining defect still being	negatively affected DOH billing processes and DOH has stated these are the most impactful defects	should continue to pursue and/or consider: 1) Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected. 2) Performing typical project testing including System Integration, User	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been prioritized, specific action is being taken to update the existing deployment standard checklist to address issues found with deployments. Further, BHA is pursuing	1 -	Issue	High	Open		D Macdonald
15	5.000	9/30/2020	the project may continue to face	August that affected claims were due to multi-faceted quality issues were individually addressed during this reporting period. IV&V notes that there is one remaining defect still being evaluated that affects a	negatively affected DOH billing processes and DOH has stated these are the most impactful defects	should continue to pursue and/or consider: 1) Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected. 2) Performing typical project testing including System Integration, User Acceptance, Performance, and Regression	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been prioritized, specific action is being taken to update the existing deployment standard checklist to address issues found with deployments. Further, BHA is pursuing Microsoft (MS) User Group Membership in a	1 -	Issue	High	Open		D Macdonald
15	5.000	9/30/2020	the project may continue to face	August that affected claims were due to multi-faceted quality issues were individually addressed during this reporting period. IV&V notes that there is one remaining defect still being evaluated that affects a limited number of claims.	negatively affected DOH billing processes and DOH has stated these are the most impactful defects	should continue to pursue and/or consider: 1) Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected. 2) Performing typical project testing including System Integration, User Acceptance, Performance, and Regression Testing.	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been prioritized, specific action is being taken to update the existing deployment standard checklist to address issues found with deployments. Further, BHA is pursuing Microsoft (MS) User Group Membership in a local or nearby chapter and has reached-out to	1 -	Issue	High	Open		D Macdonald
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15	5.000	9/30/2020	the project may continue to face	August that affected claims were due to multi-faceted quality issues were individually addressed during this reporting period. IV&V notes that there is one remaining defect still being evaluated that affects a limited number of claims. Overall, the Project Team has responded with a	negatively affected DOH billing processes and DOH has stated these are the most impactful defects	should continue to pursue and/or consider: 1) Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected. 2) Performing typical project testing including System Integration, User Acceptance, Performance, and Regression Testing. 3) Assigning a dedicated resource to provide oversight of CAMHD Fiscal	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been prioritized, specific action is being taken to update the existing deployment standard checklist to address issues found with deployments. Further, BHA is pursuing Microsoft (MS) User Group Membership in a local or nearby chapter and has reached-out to ETS to see if there are existing subscriptions that can be leveraged. Participating in a MS	1 -	Issue	High	Open		D Macdonald
15	5.000	9/30/2020	the project may continue to face	August that affected claims were due to multi-faceted quality issues were individually addressed during this reporting period. IV&V notes that there is one remaining defect still being evaluated that affects a limited number of claims. Overall, the Project Team has responded with a commitment to increase	negatively affected DOH billing processes and DOH has stated these are the most impactful defects	should continue to pursue and/or consider: 1) Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected. 2) Performing typical project testing including System Integration, User Acceptance, Performance, and Regression Testing. 3) Assigning a dedicated resource to provide oversight of CAMHD Fiscal Processes.	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been prioritized, specific action is being taken to update the existing deployment standard checklist to address issues found with deployments. Further, BHA is pursuing Microsoft (MS) User Group Membership in a local or nearby chapter and has reached-out to ETS to see if there are existing subscriptions that can be leveraged. Participating in a MS User Group would benefit BHA as it would be	1 -	Issue	High	Open		D Macdonald
15	5.000	9/30/2020	the project may continue to face	August that affected claims were due to multi-faceted quality issues were individually addressed during this reporting period. IV&V notes that there is one remaining defect still being evaluated that affects a limited number of claims. Overall, the Project Team has responded with a commitment to increase project quality and is in the	negatively affected DOH billing processes and DOH has stated these are the most impactful defects	should continue to pursue and/or consider: 1) Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected. 2) Performing typical project testing including System Integration, User Acceptance, Performance, and Regression Testing. 3) Assigning a dedicated resource to provide oversight of CAMHD Fiscal Processes. 4) BHA and RSM to collaborate on the	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been prioritized, specific action is being taken to update the existing deployment standard checklist to address issues found with deployments. Further, BHA is pursuing Microsoft (MS) User Group Membership in a local or nearby chapter and has reached-out to ETS to see if there are existing subscriptions that can be leveraged. Participating in a MS User Group would benefit BHA as it would be an excellent resource for networking with	1 -	Issue	High	Open		D Macdonald
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15	5.000	9/30/2020	the project may continue to face	August that affected claims were due to multi-faceted quality issues were individually addressed during this reporting period. IV&V notes that there is one remaining defect still being evaluated that affects a limited number of claims. Overall, the Project Team has responded with a commitment to increase project quality and is in the process of identifying improvements to associated testing processes. These	negatively affected DOH billing processes and DOH has stated these are the most impactful defects	should continue to pursue and/or consider: 1) Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected. 2) Performing typical project testing including System Integration, User Acceptance, Performance, and Regression Testing. 3) Assigning a dedicated resource to provide oversight of CAMHD Fiscal Processes. 4) BHA and RSM to collaborate on the necessary revisions to the submitted design deliverables to increase level of detail and quality - Completed	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been prioritized, specific action is being taken to update the existing deployment standard checklist to address issues found with deployments. Further, BHA is pursuing Microsoft (MS) User Group Membership in a local or nearby chapter and has reached-out to ETS to see if there are existing subscriptions that can be leveraged. Participating in a MS User Group would benefit BHA as it would be an excellent resource for networking with other users to help resolve system challenges quickly and for staying on top of D365 current events.	1 -	Issue	High	Open		D Macdonald
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15	5.000	9/30/2020	the project may continue to face	August that affected claims were due to multi-faceted quality issues were individually addressed during this reporting period. IV&V notes that there is one remaining defect still being evaluated that affects a limited number of claims. Overall, the Project Team has responded with a commitment to increase project quality and is in the process of identifying improvements to associated testing processes. These currently include: Performing Revenue Neutrality Testing to ensure	negatively affected DOH billing processes and DOH has stated these are the most impactful defects	should continue to pursue and/or consider: 1) Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected. 2) Performing typical project testing including System Integration, User Acceptance, Performance, and Regression Testing. 3) Assigning a dedicated resource to provide oversight of CAMHD Fiscal Processes. 4) BHA and RSM to collaborate on the necessary revisions to the submitted design deliverables to increase level of detail and quality - Completed 5) Monitor implemented improvements for effectiveness In Progress 6) Evaluate existing project staff skills and	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been prioritized, specific action is being taken to update the existing deployment standard checklist to address issues found with deployments. Further, BHA is pursuing Microsoft (MS) User Group Membership in a local or nearby chapter and has reached-out to ETS to see if there are existing subscriptions that can be leveraged. Participating in a MS User Group would benefit BHA as it would be an excellent resource for networking with other users to help resolve system challenges quickly and for staying on top of D365 current events. The Project Team updated the DevOps Tool to include an RCA Category and Description fields for tracking future RCA information. To	Management	Issue	High	Open		D Macdonald
15	5.000	9/30/2020	the project may continue to face	August that affected claims were due to multi-faceted quality issues were individually addressed during this reporting period. IV&V notes that there is one remaining defect still being evaluated that affects a limited number of claims. Overall, the Project Team has responded with a commitment to increase project quality and is in the process of identifying improvements to associated testing processes. These currently include: Performing Revenue	negatively affected DOH billing processes and DOH has stated these are the most impactful defects	should continue to pursue and/or consider: 1) Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected. 2) Performing typical project testing including System Integration, User Acceptance, Performance, and Regression Testing. 3) Assigning a dedicated resource to provide oversight of CAMHD Fiscal Processes. 4) BHA and RSM to collaborate on the necessary revisions to the submitted design deliverables to increase level of detail and quality - Completed 5) Monitor implemented improvements for effectiveness In Progress 6) Evaluate existing project staff skills and experience level to ensure they meet BHA	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been prioritized, specific action is being taken to update the existing deployment standard checklist to address issues found with deployments. Further, BHA is pursuing Microsoft (MS) User Group Membership in a local or nearby chapter and has reached-out to ETS to see if there are existing subscriptions that can be leveraged. Participating in a MS User Group would benefit BHA as it would be an excellent resource for networking with other users to help resolve system challenges quickly and for staying on top of D365 current events. The Project Team updated the DevOps Tool to include an RCA Category and Description fields for tracking future RCA information. To continue RCA efforts moving forward, a debrief	Management	Issue	High	Open		D Macdonald
15	5.000	9/30/2020	the project may continue to face	August that affected claims were due to multi-faceted quality issues were individually addressed during this reporting period. IV&V notes that there is one remaining defect still being evaluated that affects a limited number of claims. Overall, the Project Team has responded with a commitment to increase project quality and is in the process of identifying improvements to associated testing processes. These currently include: Performing Revenue Neutrality Testing to ensure expected revenue streams are largely unchanged from one	negatively affected DOH billing processes and DOH has stated these are the most impactful defects	should continue to pursue and/or consider: 1) Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected. 2) Performing typical project testing including System Integration, User Acceptance, Performance, and Regression Testing. 3) Assigning a dedicated resource to provide oversight of CAMHD Fiscal Processes. 4) BHA and RSM to collaborate on the necessary revisions to the submitted design deliverables to increase level of detail and quality - Completed 5) Monitor implemented improvements for effectiveness In Progress 6) Evaluate existing project staff skills and experience level to ensure they meet BHA support requirements - Open	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been prioritized, specific action is being taken to update the existing deployment standard checklist to address issues found with deployments. Further, BHA is pursuing Microsoft (MS) User Group Membership in a local or nearby chapter and has reached-out to ETS to see if there are existing subscriptions that can be leveraged. Participating in a MS User Group would benefit BHA as it would be an excellent resource for networking with other users to help resolve system challenges quickly and for staying on top of D365 current events. The Project Team updated the DevOps Tool to include an RCA Category and Description fields for tracking future RCA information. To continue RCA efforts moving forward, a debrief of post-production deployments for future	Management	Issue	High	Open		D Macdonald
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15	5.000	9/30/2020	the project may continue to face	August that affected claims were due to multi-faceted quality issues were individually addressed during this reporting period. IV&V notes that there is one remaining defect still being evaluated that affects a limited number of claims. Overall, the Project Team has responded with a commitment to increase project quality and is in the process of identifying improvements to associated testing processes. These currently include: Performing Revenue Neutrality Testing to ensure expected revenue streams are largely unchanged from one period to the next.	negatively affected DOH billing processes and DOH has stated these are the most impactful defects	should continue to pursue and/or consider: 1) Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected. 2) Performing typical project testing including System Integration, User Acceptance, Performance, and Regression Testing. 3) Assigning a dedicated resource to provide oversight of CAMHD Fiscal Processes. 4) BHA and RSM to collaborate on the necessary revisions to the submitted design deliverables to increase level of detail and quality - Completed 5) Monitor implemented improvements for effectiveness In Progress 6) Evaluate existing project staff skills and experience level to ensure they meet BHA support requirements - Open 7) IV&V recommends performing an RCA	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been prioritized, specific action is being taken to update the existing deployment standard checklist to address issues found with deployments. Further, BHA is pursuing Microsoft (MS) User Group Membership in a local or nearby chapter and has reached-out to ETS to see if there are existing subscriptions that can be leveraged. Participating in a MS User Group would benefit BHA as it would be an excellent resource for networking with other users to help resolve system challenges quickly and for staying on top of D365 current events. The Project Team updated the DevOps Tool to include an RCA Category and Description fields for tracking future RCA information. To continue RCA efforts moving forward, a debrief of post-production deployments for future releases will be discussed at the Thursday	Management	Issue	High	Open		D Macdonald
15	5.000	9/30/2020	the project may continue to face	August that affected claims were due to multi-faceted quality issues were individually addressed during this reporting period. IV&V notes that there is one remaining defect still being evaluated that affects a limited number of claims. Overall, the Project Team has responded with a commitment to increase project quality and is in the process of identifying improvements to associated testing processes. These currently include: Performing Revenue Neutrality Testing to ensure expected revenue streams are largely unchanged from one period to the next. Conducting System Integration	negatively affected DOH billing processes and DOH has stated these are the most impactful defects	should continue to pursue and/or consider: 1) Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected. 2) Performing typical project testing including System Integration, User Acceptance, Performance, and Regression Testing. 3) Assigning a dedicated resource to provide oversight of CAMHD Fiscal Processes. 4) BHA and RSM to collaborate on the necessary revisions to the submitted design deliverables to increase level of detail and quality - Completed 5) Monitor implemented improvements for effectiveness In Progress 6) Evaluate existing project staff skills and experience level to ensure they meet BHA support requirements - Open 7) IV&V recommends performing an RCA in collaboration with RSM after all future	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been prioritized, specific action is being taken to update the existing deployment standard checklist to address issues found with deployments. Further, BHA is pursuing Microsoft (MS) User Group Membership in a local or nearby chapter and has reached-out to ETS to see if there are existing subscriptions that can be leveraged. Participating in a MS User Group would benefit BHA as it would be an excellent resource for networking with other users to help resolve system challenges quickly and for staying on top of D365 current events. The Project Team updated the DevOps Tool to include an RCA Category and Description fields for tracking future RCA information. To continue RCA efforts moving forward, a debrief of post-production deployments for future releases will be discussed at the Thursday Issues Meeting following a release deployment	Management	Issue	High	Open		D Macdonald
15	5.000	9/30/2020	the project may continue to face	August that affected claims were due to multi-faceted quality issues were individually addressed during this reporting period. IV&V notes that there is one remaining defect still being evaluated that affects a limited number of claims. Overall, the Project Team has responded with a commitment to increase project quality and is in the process of identifying improvements to associated testing processes. These currently include: Performing Revenue Neutrality Testing to ensure expected revenue streams are largely unchanged from one period to the next. Conducting System Integration Testing, User Acceptance	negatively affected DOH billing processes and DOH has stated these are the most impactful defects	should continue to pursue and/or consider: 1) Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected. 2) Performing typical project testing including System Integration, User Acceptance, Performance, and Regression Testing. 3) Assigning a dedicated resource to provide oversight of CAMHD Fiscal Processes. 4) BHA and RSM to collaborate on the necessary revisions to the submitted design deliverables to increase level of detail and quality - Completed 5) Monitor implemented improvements for effectiveness In Progress 6) Evaluate existing project staff skills and experience level to ensure they meet BHA support requirements - Open 7) IV&V recommends performing an RCA in collaboration with RSM after all future release deployments for continual quality	04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects. Although the entire list has not yet been prioritized, specific action is being taken to update the existing deployment standard checklist to address issues found with deployments. Further, BHA is pursuing Microsoft (MS) User Group Membership in a local or nearby chapter and has reached-out to ETS to see if there are existing subscriptions that can be leveraged. Participating in a MS User Group would benefit BHA as it would be an excellent resource for networking with other users to help resolve system challenges quickly and for staying on top of D365 current events. The Project Team updated the DevOps Tool to include an RCA Category and Description fields for tracking future RCA information. To continue RCA efforts moving forward, a debrief of post-production deployments for future releases will be discussed at the Thursday Issues Meeting following a release deployment to production.	Management	Issue	High	Open		D Macdonald

16.000	10/5/2020	Usage of Semantics and IDM for	The project noted its intent to			01/31/2021 - The project has made great	Targeted KT	Concern		Closed	The project has	D Macdonald
10.000	10,3,2020	development and ongoing	obtain more targeted			strides addressing this concern. A Semantics	Targeteu Ki	Concern		Closed	made good	Diviacuonalu
		maintenance of the system	knowledge transfer of both			Layer KT session was conducted on 1/29/21					progress	
		requires BHA to take a proactive	the Semantics Reporting and			and multiple IDM and Semantic Layer sessions					establishing	
		approach to support of these tools.	· · ·			has been scheduled in February. IV&V is					and initial	
			to monitor this concern.			closing this finding as we no longer view this					execution of	
						item as a concern.					the IDM and	
						12/31/2020 - IV&V is aware that an overview					Semantics	
						of the Semantics Layer KT session was held on					Layer KT plan.	
						12/16/20. The planning effort will result in					, ,	
						additional Semantic Layer and IDM KT sessions						
						in the coming months. IV&V will continue to						
						monitor this finding.						
						11/30/2020 - The project conducted two high-						
						level overview sessions of the Semantic Layer						
						Reporting tools during November. One session						
						was focused on the overall Semantic Layer, and						
						the second session was focused on Semantic						
						Layer Security. Additional targeted Knowledge						
						Transfer sessions on the Semantic Layer tools						
						will need to be provided by RSM; however,						
						these have not been scheduled. IV&V will						
						continue to monitor this finding.						
						10/31/2020 - The project intends to obtain						
						more targeted knowledge transfer for both the						
						Semantics Reporting and IDM tools and will be						
						planning and scheduling these sessions with						
17.000												
1	10/27/2020	The bandwidth of CAMHD	CAMHD has been provided	1		04/30/2021 - CAMHD Leadership time spent	Project	Risk	Medium	Open		D Macdonald
	10/2//2020	Leadership is being hampered by	with an approval to	activities could be significantly	opportunities to augment the	on efforts outside of the INSPIRE Project	Management	Risk	Medium	Open		D Macdonald
	10/2//2020	Leadership is being hampered by planning tasks and activities for	with an approval to commence planning efforts	activities could be significantly hindered by the flood of activities that	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has	Management	Risk	Medium	Open		D Macdonald
	10/2//2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project	activities could be significantly hindered by the flood of activities that could occur as the department	opportunities to augment the	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month.	Management	Risk	Medium	Open		D Macdonald
	10/2//2020	Leadership is being hampered by planning tasks and activities for	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH.	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was	Management	Risk	Medium	Open		D Macdonald
	10/27/2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently	activities could be significantly hindered by the flood of activities that could occur as the department	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID	Management	Risk	Medium	Open		D Macdonald
	10/27/2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration	Management	Risk	Medium	Open		D Macdonald
	10/27/2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration application efforts. The CAMHD level of effort	Management	Risk	Medium	Open		D Macdonald
	10/2//2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration application efforts. The CAMHD level of effort is anticipated to decrease to approximately	Management	Risk	Medium	Open		D Macdonald
	10/27/2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration application efforts. The CAMHD level of effort is anticipated to decrease to approximately 20% in May as DOH has hired a Project	Management	Risk	Medium	Open		D Macdonald
	10/27/2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration application efforts. The CAMHD level of effort is anticipated to decrease to approximately 20% in May as DOH has hired a Project Manager in April who will be dedicated to the	Management	Risk	Medium	Open		D Macdonald
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	10/27/2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration application efforts. The CAMHD level of effort is anticipated to decrease to approximately 20% in May as DOH has hired a Project Manager in April who will be dedicated to the Vaccine Registration Project, instead of BHA resources IV&V will continue to monitor this	Management	Risk	Medium	Open		D Macdonald
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	10/27/2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration application efforts. The CAMHD level of effort is anticipated to decrease to approximately 20% in May as DOH has hired a Project Manager in April who will be dedicated to the Vaccine Registration Project, instead of BHA resources IV&V will continue to monitor this finding.	Management	Risk	Medium	Open		D Macdonald
	10/27/2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration application efforts. The CAMHD level of effort is anticipated to decrease to approximately 20% in May as DOH has hired a Project Manager in April who will be dedicated to the Vaccine Registration Project, instead of BHA resources IV&V will continue to monitor this finding.	Management	Risk	Medium	Open		D Macdonald
	10/27/2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration application efforts. The CAMHD level of effort is anticipated to decrease to approximately 20% in May as DOH has hired a Project Manager in April who will be dedicated to the Vaccine Registration Project, instead of BHA resources IV&V will continue to monitor this finding. 03/31/2021 - CAMHD Leadership time spent on efforts outside of the INSPIRE Project	Management	Risk	Medium	Open		D Macdonald
	10/27/2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration application efforts. The CAMHD level of effort is anticipated to decrease to approximately 20% in May as DOH has hired a Project Manager in April who will be dedicated to the Vaccine Registration Project, instead of BHA resources IV&V will continue to monitor this finding. 03/31/2021 - CAMHD Leadership time spent on efforts outside of the INSPIRE Project continued to increase during March. More than	Management	Risk	Medium	Open		D Macdonald
	10/27/2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration application efforts. The CAMHD level of effort is anticipated to decrease to approximately 20% in May as DOH has hired a Project Manager in April who will be dedicated to the Vaccine Registration Project, instead of BHA resources IV&V will continue to monitor this finding. 03/31/2021 - CAMHD Leadership time spent on efforts outside of the INSPIRE Project continued to increase during March. More than 50% of Leadership time is spent on Phase 4	Management	Risk	Medium	Open		D Macdonald
	10/27/2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration application efforts. The CAMHD level of effort is anticipated to decrease to approximately 20% in May as DOH has hired a Project Manager in April who will be dedicated to the Vaccine Registration Project, instead of BHA resources IV&V will continue to monitor this finding. 03/31/2021 - CAMHD Leadership time spent on efforts outside of the INSPIRE Project continued to increase during March. More than 50% of Leadership time is spent on Phase 4 Planning and COVID Remediation efforts. The	Management	Risk	Medium	Open		D Macdonald
	10/27/2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration application efforts. The CAMHD level of effort is anticipated to decrease to approximately 20% in May as DOH has hired a Project Manager in April who will be dedicated to the Vaccine Registration Project, instead of BHA resources IV&V will continue to monitor this finding. 03/31/2021 - CAMHD Leadership time spent on efforts outside of the INSPIRE Project continued to increase during March. More than 50% of Leadership time is spent on Phase 4 Planning and COVID Remediation efforts. The level of dedication to this effort is likely to	Management	Risk	Medium	Open		D Macdonald
	10/27/2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration application efforts. The CAMHD level of effort is anticipated to decrease to approximately 20% in May as DOH has hired a Project Manager in April who will be dedicated to the Vaccine Registration Project, instead of BHA resources IV&V will continue to monitor this finding. 03/31/2021 - CAMHD Leadership time spent on efforts outside of the INSPIRE Project continued to increase during March. More than 50% of Leadership time is spent on Phase 4 Planning and COVID Remediation efforts. The level of dedication to this effort is likely to continue to increase in the coming months.	Management	Risk	Medium	Open		D Macdonald
	10/27/2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration application efforts. The CAMHD level of effort is anticipated to decrease to approximately 20% in May as DOH has hired a Project Manager in April who will be dedicated to the Vaccine Registration Project, instead of BHA resources IV&V will continue to monitor this finding. 03/31/2021 - CAMHD Leadership time spent on efforts outside of the INSPIRE Project continued to increase during March. More than 50% of Leadership time is spent on Phase 4 Planning and COVID Remediation efforts. The level of dedication to this effort is likely to continue to increase in the coming months. IV&V has raised the priority of this finding from	Management	Risk	Medium	Open		D Macdonald
	10/27/2020	Leadership is being hampered by planning tasks and activities for assessing project expansion to	with an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to	opportunities to augment the management staffing for planning Phase	on efforts outside of the INSPIRE Project continued to increase during early April but has decreased at the end of the month. Approximately 60-70% of Leadership time was spent on Phase 4 Planning, COVID Remediation, and the new Vaccine Registration application efforts. The CAMHD level of effort is anticipated to decrease to approximately 20% in May as DOH has hired a Project Manager in April who will be dedicated to the Vaccine Registration Project, instead of BHA resources IV&V will continue to monitor this finding. 03/31/2021 - CAMHD Leadership time spent on efforts outside of the INSPIRE Project continued to increase during March. More than 50% of Leadership time is spent on Phase 4 Planning and COVID Remediation efforts. The level of dedication to this effort is likely to continue to increase in the coming months. IV&V has raised the priority of this finding from Low to Medium and will continue to monitor	Management	Risk	Medium	Open		D Macdonald
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18.000	11/30/2020	Due to consistent technical issues	The IDM and Semantic layer		IV&V recommends the project to	04/30/2021 - BHA continues to work with	Release/Deployme	Iccuo	High	Open	D Macdonald
18.000	11/30/2020	requiring escalation to Microsoft,	efforts have experienced		continue to monitor the status of	Microsoft on technical issues as they arise in	nt Planning	issue	підіі	Open	Diviaccionald
		some project efforts are being	several delays attributable to		outstanding Microsoft tickets and to	the Government Community Cloud (GCC)	III Pidililling				
		delayed.	issues escalated to Microsoft.		escalate the priority of these tickets as	instance. The issue with fields being locked has					
		uelayeu.	The issues have ranged from		deemed necessary.	been resolved, however, a new MS ticket was					
			administrative /		deemed necessary.	opened to address workflows and business					
			communication (entering			rules being disabled after a solution upgrade					
			issues into the Commercial			was applied. This issue has put a halt to all					
			support instance vs the			solution aware CRM development and code					
			Government Cloud support			promotion work. This issue has delayed the					
			instance), to several key			R3.15 production release by at least a week.					
			technical issues requiring			IV&V will continue to monitor this finding.					
			assistance to resolve. To date,			03/31/2021 - BHA continues to work with					
			these support needs have			Microsoft on technical issues as they arise in					
			added over a month to the			the Government Community Cloud (GCC)					
			IDM and Semantic Layer			instance. The issue with fields being locked is					
			project schedules.			still outstanding. IV&V will continue to monitor					
			project scriedules.			this finding.					
						02/28/2021 - BHA continues to work with					
						Microsoft on technical issues as they arise in					
						the Government Community Cloud (GCC)					
						instance. IV&V will continue to monitor this					
						finding.					
						01/31/2020 - While most of the Microsoft					
						issues were fixed, the 'first 10 rows', the 'multi-					
						select options', and 'unmanaged layer on the					
						Case entity' issues are partially outstanding					
10 000	12/21/2020	Due to on coine dealerment	Thorobous hose several	Danastahla dan unantad salassa and	Davidan a plan ta institutionalise the	, , ,	Dalagaa / Dania	lecuo	Lligh	0	D Mandanald
19.000	12/31/2020	Due to on-going deployment	There have been several	Repeatable documented release and	Develop a plan to institutionalize the	04/30/2021 - The R3.12 Root Cause Analysis	Release/Deployme	Issue	High	Open	D Macdonald
19.000	12/31/2020	processes and technical execution	defects pushed to production	deployment will help ensure that	execution of "Smoke Testing" for	04/30/2021 - The R3.12 Root Cause Analysis (RCA) effort completed in March resulted in	Release/Deployme nt Planning	Issue	High	Open	D Macdonald
19.000	12/31/2020	processes and technical execution issues, the project may continue to	defects pushed to production with Phase 3 releases. Some of	deployment will help ensure that mistakes are minimized, and that	execution of "Smoke Testing" for promotions to non-production and	04/30/2021 - The R3.12 Root Cause Analysis (RCA) effort completed in March resulted in several recommendations for increasing the		Issue	High	Open	D Macdonald
19.000	12/31/2020	processes and technical execution issues, the project may continue to encounter defects and challenges	defects pushed to production with Phase 3 releases. Some of the defects introduced to	deployment will help ensure that mistakes are minimized, and that functionality is not mistakenly	execution of "Smoke Testing" for promotions to non-production and production environments. This will help	04/30/2021 - The R3.12 Root Cause Analysis (RCA) effort completed in March resulted in several recommendations for increasing the quality of deployments. One of the high		Issue	High	Open	D Macdonald
19.000	12/31/2020	processes and technical execution issues, the project may continue to encounter defects and challenges in meeting projected timelines for	defects pushed to production with Phase 3 releases. Some of the defects introduced to production have been	deployment will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	execution of "Smoke Testing" for promotions to non-production and production environments. This will help to ensure that all components needed to	04/30/2021 - The R3.12 Root Cause Analysis (RCA) effort completed in March resulted in several recommendations for increasing the quality of deployments. One of the high priority items resulting from the RCA was to		Issue	High	Open	D Macdonald
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19.000	12/31/2020	processes and technical execution issues, the project may continue to encounter defects and challenges in meeting projected timelines for	defects pushed to production with Phase 3 releases. Some of the defects introduced to production have been narrowed down to environmental promotional	deployment will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	execution of "Smoke Testing" for promotions to non-production and production environments. This will help to ensure that all components needed to test have been properly deployed prior to the actual execution of test activities.	04/30/2021 - The R3.12 Root Cause Analysis (RCA) effort completed in March resulted in several recommendations for increasing the quality of deployments. One of the high priority items resulting from the RCA was to update the deployment checklists and provide a secondary review prior to executing a		Issue	High	Open	D Macdonald
19.000	12/31/2020	processes and technical execution issues, the project may continue to encounter defects and challenges in meeting projected timelines for production and non-production	defects pushed to production with Phase 3 releases. Some of the defects introduced to production have been narrowed down to environmental promotional activities. In these instances,	deployment will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	execution of "Smoke Testing" for promotions to non-production and production environments. This will help to ensure that all components needed to test have been properly deployed prior to the actual execution of test activities. Work in collaboration with RSM to	04/30/2021 - The R3.12 Root Cause Analysis (RCA) effort completed in March resulted in several recommendations for increasing the quality of deployments. One of the high priority items resulting from the RCA was to update the deployment checklists and provide a secondary review prior to executing a deployment. A task was assigned to a member		Issue	High	Open	D Macdonald
19.000	12/31/2020	processes and technical execution issues, the project may continue to encounter defects and challenges in meeting projected timelines for production and non-production	defects pushed to production with Phase 3 releases. Some of the defects introduced to production have been narrowed down to environmental promotional activities. In these instances, the DEV and TEST	deployment will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	execution of "Smoke Testing" for promotions to non-production and production environments. This will help to ensure that all components needed to test have been properly deployed prior to the actual execution of test activities. Work in collaboration with RSM to establish a plan for DOH to assume all	04/30/2021 - The R3.12 Root Cause Analysis (RCA) effort completed in March resulted in several recommendations for increasing the quality of deployments. One of the high priority items resulting from the RCA was to update the deployment checklists and provide a secondary review prior to executing a deployment. A task was assigned to a member of the Technical Team to update the checklists.		Issue	High	Open	D Macdonald
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20.000		The pending RSM contract expiration will require BHA to perform transition of the D365 solution to the State prior to contract end.	to ensure that it has all knowledge transfer and is fully capable of managing all aspects of supporting and	DOH needs to be in a position to completely stand on its own without the assistance of vendor support by fall of 2021. If DOH is not in a position to solely take on the development of user stories, testing, regression testing, deployment, and the support and maintenance of the entire system, there is a risk that environment stability may be challenged.	project prior to September 2021. If the	04/30/2021 - The RSM contract amendment is still pending approval. This amendment will extend the DD&I effort (Mod 5) to the end of December 2021 and will also provide M&O services (Mod 6) through May 2022. Mod 5 is expected to be approved in May 2021. This will delay the near-term need for a Transition Plan until first quarter 2022. IV&V will continue to monitor this finding.	Project Management	Concern			The RSM contract amendment was executed during April, alleviating the near-term need for a Transition Plan. This amendment extended the DD&I effort to the end of December 2021, and will provide M&O services through May 2022. IV&V will re-visit this subject 4-5 months prior to the new contract expiration date.	Vic Dudoit
21.000	4/30/2021	The DDD Project Manager will be on leave and unavailable to the project starting in May.	The DDD Project Manager performs most of the project duties on behalf of DDD and her absence may cause an increased level of risk to the project. DDD has commenced planning efforts and has assigned staff to backfill her, although they are currently assigned to other project tasks and activities. IV&V will continue to monitor this preliminary concern.	The DDD Project Manager is critical to all daily project interactions affecting DDD from a functional and managerial perspective. If her duties are not reassigned to capable staff prior to her planned absence, DDD will be in a challenged position to effectively contribute to at least the next several releases.	Ensure that the highest priority items are re-assigned to other staff within DDD prior to the DDD PM's planned absence, considering their existing workload and other assignments.		Project Management	Concern	C	Open		Darren