

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

August 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

Attachment (2)



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

Final IV&V Report for the period of

May 1 – May 31, 2021

Final submitted: June 7, 2021



Agenda

Executive Summary

IV&V Findings & Recommendations

Appendices

- A Rating Scales
- B Inputs
- C Project Trends





Executive Summary

The Project deployed the delayed Release 3.15 (R3.15) to production on 5/20/21 with several high priority post-production defects. IV&V recommends a full Root Cause Analysis (RCA) for R3.15 be collaboratively executed by RSM and BHA to identify root causes for immediate course correction.

R3.12 Root Cause Analysis (RCA) action plans prioritized in April to improve quality have not been fully implemented. BHA should prioritize and execute these outstanding action plans.

DOH should prioritize and escalate the need for additional qualified senior BHA technical resources to support the existing technical team as this appears to be linked to the on-going quality issues.

IV&V will continue to monitor the high critical findings for sprint planning, release deployment, test practice validation, regression testing, and overall quality and we encourage the Project to consider our recommendations to mitigate risk and avoid the reoccurrence of issues in upcoming planned releases.

Mar	Apr	May	Category	IV&V Observations
Y	Y	R	Sprint Planning	The bandwidth of skilled BHA MS Dynamics resources to support the project's technical needs is not adequate, which appears to be comprising project productivity and quality. It is advised that DOH take immediate steps to secure additional technical resources to support the "already stretched" existing BHA team. IV&V is escalating this category to Red (high criticality) for the May reporting period. IV&V will continue to monitor this category moving forward.
G	G	G	User Story (US) Validation	There are no active findings in User Story (US) Validation category which remains Green (low criticality) for the May reporting period. IV&V will continue to monitor the US development and validation process in upcoming reporting periods.
R	R R R R R R R R R R R R R R R R R R R		The project deployed R3.15 to production in May resulting in several high priority issues. A full R3.15 RCA is recommended to further identify testing deficiencies. BHA planning efforts to develop automated regression test scripts continues to progress. The rating for this category remains Red (high) for the May reporting period. IV&V will continue to monitor this category in upcoming reporting periods.	



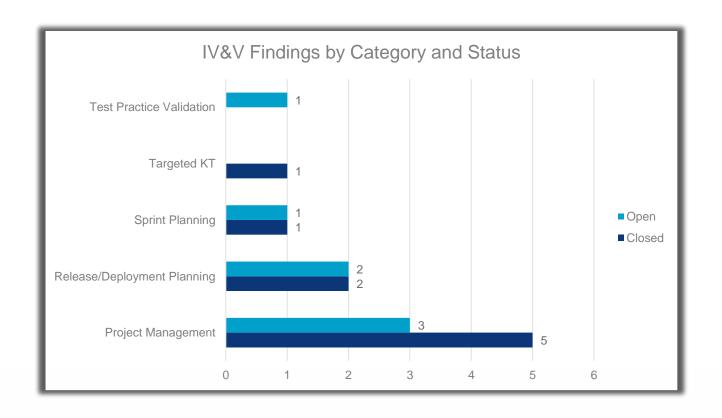
Executive Summary

Mar	Apr	May	Category	IV&V Observations
R	R	R	Release / Deployment Planning	The criticality rating for this category remains Red (high) for the May reporting period. R3.15 was implemented in May resulting in several post-production high priority issues. IV&V continues to be concerned about the current release/deployment procedures and practices. A full R3.15 RCA is recommended to further identify release/deployment deficiencies.
G	G	G	OJT and KT Sessions	The criticality rating for the OJT and KT Sessions category remains Green (low) for the May 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 May reporting period. IV&V will continue to monitor this category moving forward.		
G			The Project exceeded its performance metrics for R3.15. IV&V will keep the criticality rating for this category a Green (low) and will continue to monitor this category moving forward.	
G	G			
Y	Y	R	Project Management	Quality issues continued to affect the project in May. Technical resource constraints have impacted the execution of essential R3.12 RCA action plans and are viewed as a cause for on-going quality issues. IV&V has escalated the criticality rating for this category to a Red (high) for the May reporting period and will continue to monitor in June.



Executive Summary

As of the May 2021 reporting period, there are a total of seven open findings – four High Issues, two Medium Issues, and one Low 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 Issue to High Issue - The BHA Technical Team bandwidth may not be adequate to meet the needs of the project, which could compromise project productivity. No substantive changes were noted in May. BHA continued to assume more lead responsibilities in the areas of user story ownership and performing code reviews. However, the bandwidth of BHA senior technical staff trained in the Dynamics environment is not adequate to meet the demands of the project. This technical resource shortage has compromised project productivity and quality whereby team members are focusing on resolving defects rather than delivering planned DDI work, which continues to be pushed to subsequent releases.	(1)
	While RSM is adding resources to support Releases 3.16 and 3.17, so must BHA. This finding is a major concern for IV&V and as a result, we are raising the criticality of this finding from Medium to High in this reporting period.	

Recommendations	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.	In progress
The Project should assess, where possible, if there are responsibilities of the BHA Technical Team that can be reassigned to other project staff.	In progress
The Project should evaluate where process inefficiencies can be addressed and streamlined to possibly free up the BHA Technical Team's availability.	In progress



IV&V Findings & Recommendations Sprint Planning (cont'd)

Recommendations	Status
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.	In progress
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



Test Practice Validation

#	Key Findings	Criticality Rating
2	Change from Medium Issue to High Issue – As a result of regression testing not being consistently performed, production releases are breaking and/or deprecating existing functionality in the production environment. Pre-Production testing efforts are not meeting the needs of the project. While DDD continues to perform a full end-to-end regression test, CAMHD is performing component testing due to self-imposed time constraints. On 5/20/21, the project promoted R3.15 to production. Although three high priority post-production defects were quickly resolved and fixes were promoted to production, several other similar defects/issues occurred, indicating a full impact analysis was likely not performed prior to promotion. As a result, an unplanned mid-sprint deployment is being scheduled to resolve the additional defects/issues. The root cause(s) is unknown at this time but likely tied to ineffective regression testing. On the positive side, BHA and Microsoft are moving forward with the automated regression testing planning. CAMHD has assigned an existing technical resource for this effort and the first two meetings with Microsoft are scheduled for the second week in June. Nevertheless, IV&V is again escalating this finding from Medium criticality back to High criticality as the recurring test issues have not been resolved and are potentially causing the continued instability in BHA's production environment. IV&V will continue to monitor this finding.	H
Recor	nmendations	Status
	V recommends DDD and CAMHD to develop a common and consistent approach across divisions for forming regression testing.	New



Test Practice Validation (cont'd)

Recommendations	Status
 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
 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
Updating the regression test scripts to ensure consistency with system configuration.	Completed
Modifying release schedules to allow for regression testing timeframes.	Completed
 Planning releases by functionality type to avoid unnecessary repetitive work being performed in any given section of the solution. 	Completed
 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



Test Practice Validation (cont'd)

Recommendations	Status
• Implementing 'hard' code freeze dates as well as test environment deployment dates to ensure that testing deployment activities are not rushed.	and Completed
Modifying the deployment scripts based on information gained from previous release deployments.	Completed
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



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. Release R3.15 was promoted to production on 5/20/2021. Three high priority defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the repromotion effort. IV&V notes that code promotion corrective action initiatives resulting from the R3.12 RCA were not implemented prior to the release of R3.15. CAMHD technical staff mentioned that releases and their deployments may increase in quality if the scope of each release were limited to specific areas of the solution. This would potentially reduce the need for 'cherry picking' activities; however, this scope limitation has proven difficult for BHA to implement. Another mid-sprint deployment is being added to the schedule to address the unresolved production defects caused by the R3.15 release. Without substantive course correction, this condition is most likely to continue causing unplanned rework cycles and production issues. IV&V will continue to monitor.	H
Rec	ommendations	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.		Onen

•	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



Release / Deployment Planning (cont'd)

Recommendations	Status
 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. (As a result of how the current development environment is being managed, 'cherry picking' components to deploy will continue to occur. This recommendation is closed.) 	Closed
As appropriate, consult with RSM on best practices that BHA could employ to support deployment.	In Progress
 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
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



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
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



Release / Deployment Planning (cont'd)

#	Key Findings	Criticality Rating
18	Change from High Issue to Medium Issue - Due to consistent technical issues requiring escalation to Microsoft (MS), some project efforts are being delayed. There is only one open Microsoft ticket affecting the attachment of Claims to the Batch. As such, IV&V is reducing the criticality of this finding from High to Medium and will continue to monitor.	M

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



#	Key Findings	Criticality Rating
15	High Issue - Due to multiple quality concerns, the Project may continue to face impactful system defects. Quality issues continued to negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although the BHA investigated adding a paid subscription to Microsoft User groups to their existing non-paid groups, it was determined that this would not help. DEVOPS was updated with RCA tracking information as planned. The project is planning on conducting an RCA for R3.15 which was promoted to production on	H

Recommendations	Status
Dedicate sufficient time in between releases for BHA and RSM to execute/implement RCA correction actions to reduce the volume of unplanned rework.	New
Evaluate existing project staff skills and experience level to ensure they meet BHA support requirements.	Open
Perform revenue neutrality fiscal balance testing on a quarterly basis to ensure revenues are as expected.	In Progress



Recommendations	Status
 Perform typical project testing including System Integration, User Acceptance, Performance, and Regression Testing. 	In Progress
Assign dedicated resources to provide oversight of CAMHD Fiscal Processes.	In Progress
Monitor implemented improvements for effectiveness.	In Progress
 IV&V recommends performing an RCA in collaboration with RSM after all future release deployments for continual quality improvement. 	In Progress
BHA and RSM to collaborate on the necessary revisions to the submitted design deliverables to increase level of detail and quality.	Completed



#	Key Findings	Criticality Rating
13	Medium Issue – PII/PHI data in non-production environments. As reported in previous months, there were no substantive changes for this finding in May. 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	Status
 IV&V recommends DOH consider limiting the volume of environments and access necessary to support development work, which should help minimize this risk. 	Open
• 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



#	Key Findings	Criticality Rating
17	Change from Medium Risk to Low Risk - The bandwidth of CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to other divisions. As anticipated, CAMHD Leadership time spent on efforts outside of the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor.	L

Recommendation	ons	Status
IV&V recommendation and M&O world	ends CAMHD look for opportunities to augment the management staffing for planning Phase 4	In Progress



#	Key Findings	Criticality Rating
20	Closed Preliminary Concern – The pending RSM contract expiration will require BHA to perform transition of the D365 solution to the State prior to contract end. Per CAMHD, the RSM contract amendments to extend the DD&I effort (Mod 5) to the end of December 2021 and also provide M&O services (Mod 6) through May 2022 were fully executed in May. IV&V is closing this preliminary concern.	Closed



#	Key Findings	Criticality Rating
21	Preliminary Concern – The DDD Project Manager will be on leave and unavailable to the project starting in May. The highest priority tasks and activities typically accomplished by the DDD Project Manager have been re-assigned to other DDD staff. IV&V notes that this results in some level of bandwidth/workload challenges for DDD technical staff.	N/A



Project Performance Metrics

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 	May - Available velocity was estimated at 60 user story points for R3.15, and a total of 67.5 USPs were 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 May. Overall, the cumulative Phase 3 targeted USP's through R3.15 was planned for 1,218. The cumulative completed USP total is currently 1,564.3.	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 	 May – R3.15 was comprised of 67.5 USPs that were promoted to production. 76% of the total USPs were associated with planned user stories and requests. 24% of the total USPs were associated with defects either encountered during the release or pulled 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 conducted an OMA on May 12, 2021. A subsequent OMA will be planned for late August or early September 2021.





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
(1)	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.
L	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 May 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 May 2021 reporting period:

- 1. Daily Scrum Notes (selected)
- 2. Twice Weekly Issues Meeting Notes (selected)







Appendix C Project Trends

Trend: 0	Overall	Projec	t Health	1						
Process Area					2020-	-2021				
Process Area	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
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										
							i	·		
Total Open Findings	7	7	7	10	11	11	10	11	8	8
Issue - high	0	0	0	0	0	0	4	4	4	4
Issue - medium	1	1	2	2	4	4	0	0	0	2
Issue - low	0	0	0	0	0	0	0	0	0	0
Risk - high	0	0	0	0	0	0	0	0	0	0
Risk - medium	3	3	3	3	2	2	2	2	4	0
Risk - low	0	0	0	0	3	3	4	4	0	1
Preliminary Concern	3	3	3	5	2	2	0	1	0	1



Solutions that Matter

ID N	No	Identified Date	Title	Observation	Significance	Recommendation	Updates	Process Area	Finding Type	Priority	Status	Closure Reason	Risk Owner
1.00	00	12/31/2019	Detailed investigation into the pro	IV&V is currently	While having a high level roadmap is	As much as possible, the project	01/31/2020 - IV&V is closing this concern, and	Sprint Planning	Concern	N/A	Closed	Due to multiple	V Ramesh
				investigating the following	good, the project should be able to	should identify what feature	will be tracking items related to Definition of					new items	
				topics as they relate to	identify what feature enhancements	-	Done, roadmap, resourcing, and backlog					being tracked at	
				Sprint Planning and the	will be targeted for each planned	each Release and should clearly map	grooming in new, separate findings.					a more granular	
				project's overall approach	release. This roadmap will help the	out the roadmap out through the last						level, this item	
				to agile software	project manage scope and productivity.	Phase 3 release in September 2020.						has been	
				development:	Relatedly, the "definition done" is an	Additionally, the project should clearly						closed.	
				- IV&V acknowledges that	important artifact to ensure that the	define "Done" to ensure the project							
				the project is now planning	project is successful. Otherwise, the	team is working towards the same goal							
				three sprints outs, however, it appears that only a "high-	project will struggle to prioritize requests/enhancements and manage	and increase opportunities for success. Having a clear "definition of done" will							
				level" sprint planning	scope.	help provide the project with guidance							
				roadmap has been	Зсоре.	on how to stay within scope.							
				produced, and it is unclear		on now to stay within scope.							
				exactly how 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							_		
2.00	00	12/31/2019	As a result of regression testing no	that deprecated features in	Thorough vetting and validation of	To address regression testing, the	05/31/2021 - Pre-Production testing efforts	Test Practice Validation	Issue	High	Open		D Macdonald
				production specific to	regression test cases is necessary to prevent both defects and the	Project should continue to pursue and/or consider:	are not meeting the needs of the project. While DDD continues to perform a full end-to-	validation					
				Integrated Support and Life	deprecation of production functionality	· ·	end regression test, CAMHD is performing						
				Trajectory functionality.	when a release is pushed live. When	to ensure consistency with system	component testing due to self-imposed time						
				DDD has informed IV&V	defects occur in production, the project		constraints.						
				that there are other	should follow a defined and repeatable	Modifying release schedules to	On 5/20/21, the project promoted R3.15 to						
				examples of functionality	process for determining the root cause	allow for regression testing	production. Although three high priority post-						
1				being deprecated after a	of the problem.	timeframes - Completed	production defects were quickly resolved and						
				release, some of which are		3. Grouping releases by functionality	fixes were promoted to production, several						
				still being investigated. As		type to avoid unnecessary repetitive	other similar defects/issues occurred,						
				of this report, IV&V has not		work being performed in any given	indicating a full impact analysis was likely not						
				evaluated the project's root		section of the solution - Completed	performed prior to promotion. As a result, an						
				cause analysis (RCA)		4. Performing regression testing after	unplanned mid-sprint deployment is being						
				process used to determine		every release, or possibly every other	scheduled to resolve the additional						
1				why such functionality was		release, or potentially tying regression	defects/issues. The root cause(s) is unknown						
1				deprecated but will discuss		tests to full solution upgrade releases.	at this time but likely tied to ineffective						
1				further with BHA in January 2020.		In addition, consider alternating the	regression testing.						
1				2020.		DDD and CAMHD scripts every other release - Completed	On the positive side, BHA and Microsoft are moving forward with the automated						
						5. Modifying regression test scripts to	regression testing planning. CAMHD has						
						start AFTER case creation, limiting the	assigned an existing technical resource for this						
1						time it takes to execute - Completed	effort and the first two meetings with						
						6. Modifying the deployment scripts	Microsoft are scheduled for the second week						
1						based on information gained from	in June. Nevertheless, IV&V is again escalating						
1	- 1				1	_			1			ı l	
	I		l l			previous release deployments -	this finding from Medium criticality back to						

3.000	12/31/2019	Usage of open source JavaScript fr	IV(Q) / Incomed in December	On an ansuran to all and frameworks	IV/RV/ recommende DUAarl. to	08/31/2020 - IV&V is unaware of any	Tarastad VT	Risk	Low	Closed	RSM has	D Macdonald
3.000	12/31/2019	Osage of open source Javascript in	2019 that the Calculator 3.0	Open source tools and frameworks offer organizations great opportunities	IV&V recommends BHA work to establish a reliable and repeatable	additional KT gaps being identified by DOH,	Targeted KT	NISK	LOW	Ciosea	successfully	Diviaccionalc
			functionality is built in	to build and configure customized	process for keeping abreast of	and as such, is closing this finding.					held several KT	
			Vue.JS, an open source	solutions at lower costs than through	communal updates and support	and as such, is closing this midnig.					sessions for this	
			JavaScript framework. As	software purchase or licensing.		07/31/2020 - The Project resolved the					technology and	
			this framework is relatively	However, open source tools and	Completed	majority of the outstanding Calculator 3.0					functionality,	
			new, the open source	frameworks often do not come with	IV&V recommends BHA continue to	defects during July which was implemented in					and DOH staff	
			support community is	support models, other than those	hold targeted KT sessions with RSM on	the mid-sprint release on 7/17/2020. The final					have stated	
			small. IV&V's concerns	offered through the tool's community.	maintaining Calculator 3.0 via a suite	Calculator 3.0 Knowledge Transfer session was					that it was well	
			include:	Because of this, the organization bears	of tools, and determine what	conducted on 7/17/2020. IV&V recommends					received.	
			- The availability of reliable	the weight of seeking out reliable help	additional skillsets, training, and/or	BHA to identify and communicate any					received.	
			support for Vue.JS	and support, as well as much take a	resources are needed to support BHA's	additional KT gaps to RSM during the month of						
			- The project's	proactive approach to security and	long-term ownership of Calculator 3.0	August. If no additional needs are identified,						
			understanding of any	identifying any vulnerabilities in the	Completed	IV&V will close this finding.						
			known vulnerabilities with	tools.	· ·	06/30/2020 - The project continued to focus						
			Vue.JS, and development of	:		attention on the Calculator 3.0 defects during						
			a process to remain current			the month of June. RSM conducted another						
			on vulnerabilities			Calculator 3.0 Knowledge Transfer session on						
			discovered by the support			6/26/2020 and scheduled a final session for						
			community.			7/17/2020.						
			- The RSM lead for									
			Calculator 3.0 went on			05/31/2020 - The project continued to focus						
			extended parental leave in			attention on the Calculator 3.0 user stories						
			December 2019			and defects during the month of May. RSM						
			IV&V acknowledges that			conducted another Calculator 3.0 Knowledge						
			BHA has downloaded			Transfer session on 5/29/2020 which IV&V						
			Vue.JS to start getting			attended. This session included the new C3.0						
F 000												
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
5.000	1/31/2020	Due to the project not following a	There have been several defects pushed to	A complete, up to date, and documented deployment script is	IVV recommends documenting deployment scripts for both the patch	12/31/2020 - IV&V has closed this issue as the related recommendations below has been	Release/Deployme nt Planning	Issue	Medium	Closed	been addressed	D Macdonald
5.000	1/31/2020	Due to the project not following a	defects pushed to production with Phase 3	documented deployment script is needed to ensure the repeatability and	deployment scripts for both the patch method and the full solution upgrade	related recommendations below has been completed. A subsequent medium issue		Issue	Medium	Closed	been addressed and proposed	D Macdonald
5.000	1/31/2020	Due to the project not following a	defects pushed to production with Phase 3 releases. Some of the	documented deployment script is needed to ensure the repeatability and stability of DOH's production	deployment scripts for both the patch method and the full solution upgrade method. The script(s) should be in the	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address		Issue	Medium	Closed	been addressed and proposed IV&V	D Macdonald
5.000	1/31/2020	Due to the project not following a	defects pushed to production with Phase 3 releases. Some of the defects introduced to	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently	deployment scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio	D Macdonald
5.000	1/31/2020	Due to the project not following a	defects pushed to production with Phase 3 releases. Some of the defects introduced to production have been	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and full	deployment scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues.		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been	D Macdonald
5.000	1/31/2020	Due to the project not following a	defects pushed to production with Phase 3 releases. Some of the defects introduced to production have been narrowed down to	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and full solution upgrades), two scripts may be	deployment scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the deployment process and involve	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 11/30/2020 - Release 3.10 was promoted to		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A	D Macdonald
5.000	1/31/2020	Due to the project not following a	defects pushed to production with Phase 3 releases. Some of the defects introduced to production have been narrowed down to environmental promotional	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and full solution upgrades), two scripts may be warranted. An embedded process and	deployment scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the deployment process and involve several technical staff to ensure staff	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent	D Macdonald
5.000	1/31/2020	Due to the project not following a	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	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure	deployment scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the deployment process and involve several technical staff to ensure staff availability to accomplish these tasks	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 11/30/2020 - Release 3.10 was promoted to production on 11/11/2020. Approximately nine (9) new defects were identified after the		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has	D Macdonald
5.000	1/31/2020	Due to the project not following a	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	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure that mistakes are minimized, and that	deployment scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary deployment personnel	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 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		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has been created to	D Macdonald
5.000	1/31/2020	Due to the project not following a	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 environments were not in	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and 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 scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the deployment process and involve several technical staff to ensure staff availability to accomplish these tasks when primary deployment personnel are unavailable.	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 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		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has been created to address on-	D Macdonald
5.000	1/31/2020	Due to the project not following a	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 environments were not in sync with the production	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and 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 scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the 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	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 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		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has been created to address on- going	D Macdonald
5.000	1/31/2020	Due to the project not following a	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 environments were not in sync with the production environment (missing	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and 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 scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the 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	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 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		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has been created to address on- going deployment	D Macdonald
5.000	1/31/2020	Due to the project not following a	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 environments were not in sync with the production environment (missing business rules, missing	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and 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 scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the 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	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 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		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has been created to address on- going deployment processes and	D Macdonald
5.000	1/31/2020	Due to the project not following a	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 environments were not in sync with the production environment (missing business rules, missing components, missing	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and 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 scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the 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,	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 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		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has been created to address on- going deployment processes and technical	D Macdonald
5.000	1/31/2020	Due to the project not following a	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 environments were not in sync with the production environment (missing business rules, missing components, missing dependencies, etc.). IVV is	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and 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 scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the 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	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 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		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has been created to address on- going deployment processes and technical execution	D Macdonald
5.000	1/31/2020		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 environments were not in sync with the production environment (missing business rules, missing components, missing dependencies, etc.). IVV is aware that DOH staff	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and 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 scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the 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	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 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		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has been created to address on- going deployment processes and technical	D Macdonald
5.000	1/31/2020		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 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	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and 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 scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the 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	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 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		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has been created to address on- going deployment processes and technical execution	D Macdonald
5.000	1/31/2020		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 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	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and 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 scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the 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	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 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		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has been created to address on- going deployment processes and technical execution	D Macdonald
5.000	1/31/2020		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 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	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and 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 scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the 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	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 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		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has been created to address on- going deployment processes and technical execution	D Macdonald
5.000	1/31/2020		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 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	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and 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 scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the 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	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 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		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has been created to address on- going deployment processes and technical execution	D Macdonald
5.000	1/31/2020		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 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	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and 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 scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the 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	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 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		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has been created to address on- going deployment processes and technical execution	D Macdonald
5.000	1/31/2020		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 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	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and 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 scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the 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	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 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.		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has been created to address on- going deployment processes and technical execution	D Macdonald
5.000	1/31/2020		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 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	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and 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 scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the 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	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 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		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has been created to address on- going deployment processes and technical execution	D Macdonald
5.000	1/31/2020		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 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	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and 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 scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the 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	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 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		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has been created to address on- going deployment processes and technical execution	D Macdonald
5.000	1/31/2020		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 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	documented deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and 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 scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the 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	related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and technical execution issues. 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.		Issue	Medium	Closed	been addressed and proposed IV&V recommendatio ns have been completed. A subsequent finding #19 has been created to address on- going deployment processes and technical execution	D Macdonald

6.000		The project lacks a documented 'L	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.	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	Done completed and socialized.	V Ramesh
7.000	1/31/2020	The lack of consistent backlog gro	requests, and user stories continues to grow. Currently, there are approximately 429 defects and requests, of which		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	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	Project Management	Risk	Low	Closed	The project has demonstrated they are consistently grooming the backlog.	D Macdonald

8.000	1/31/2020	pr th as Te ex co ba BH ba in	lays a role that is critical to roject success. Currently, ne responsibilities ssociated with the BHA echnical Team have xpanded beyond their pollective available andwidth. IV&V notes that HA began addressing this andwidth issue, which includes increased pllaboration with key RSM	The BHA Technical Team leads the efforts of all technical DOH staff on the project. As such, the Team's time is both extremely valuable and scarce. If the Team's expected workload exceeds bandwidth, the project could experience bottlenecks. Optimization of the BHA Technical Team's time is to the benefit of the project and plays a critical role in the project's ability to hit performance targets and achieve the Phase 3 definition of done.	The Project should investigate 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	noted in May. BHA continued to assume more lead responsibilities in the areas of user story ownership and performing code reviews. However, the bandwidth of BHA senior technical staff trained in the Dynamics environment is not adequate to meet the demands of the project. This technical resource shortage has compromised project productivity and quality whereby team members are focusing on resolving defects rather than delivering planned DDI work, which continues to be pushed to subsequent	Sprint Planning	Issue	High	Open		D Macdonald
		to str Te	esources, and are working to potentially change the tructure of the Technical eam.		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.	releases. While RSM is adding resources to support Releases 3.16 and 3.17, so must BHA. This finding is a major concern for IV&V and as a result, we are raising the criticality of this finding from Medium to High in this reporting period. 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						
9.000	1/31/2020	fo th fe en or bu wi to th	efinitive Product Roadmap or Phase 3 that addresses ne functionalities, eatures, and / or nhancements to be built in order to fully address BHA's usiness needs. IV&V met with RSM and BHA on this opic in January, and notes nat the project is actively		IV&V understands that the Project is in the process of creating a Short Term; Mid Term, and Long Term Roadmap. IV&V 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 of Done.	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	Closed	Product Roadmap aligned with Definition of Done	V Ramesh

10.000	3/31/2020	The COVID-19 pandemic and the r	On 2/22/2020 the	DOH stakeholder participation in key	- IV&V recommends BHA to ramp up	04/20/2021 The Brainet continues to	Draiget	Risk	Low	Closed	The Project	D Macdonald
10.000	3/31/2020	The COVID-19 particelling and the n	Governor issued a "stay at	DOH stakeholder participation in key activities could be significantly	efforts to setup, train, and assist	04/30/2021 - The Project continues to maintain its ability to operate with staff	Project Management	NISK	LOW	Ciosea	continues to	Diviaccionalc
			home, work from home	hindered, not only by required remote	stakeholders on remote work devices	working remotely, effectively overcoming the	ivialiagement				maintain its	
			order" that has reduced	work by DOH and SI staff, but also by	and tools and make every effort to	"stay at home, work from home order" that					ability to	
				the flood of activities that could occur	'	reduced BHA's ability to be fully functional in					operate with	
			be fully functional as the	as the department could become	help them to become highly functional with remote access technology (e.g.	the office. The potential DDD and CAMHD					staff working	
			,	'	-, -	'						
			large majority of state	overwhelmed processing and providing		budget challenges reported in March were					remotely,	
			workers will be required to	services due to the resulting economic	Teams/Skype) - Completed	also overcome during April, providing fiscal					effectively	
			work from home/remotely	impacts to citizens. Some stakeholders	- IV&V recommends the project and	relief to BHA. As such, IV&V is closing this					overcoming the	
			at least until the end of	may be unable (due to stricter	DOH create a detailed, documented	finding.					"stay at home,	
			April and some offices may	shutdown policies) or unwilling to	risk mitigation strategy and plan that is	03/31/2021 - The Project continued to					work from	
			be completely shut down	perform these activities during this	reviewed regularly and revised to	maintain its ability to operate with staff					home order"	
			until that time as well.	chaotic time. Planned SI on-site visits	address the current state of the COVID-	working remotely, while COVID-related					that reduced	
			Unclear if the order will	will also likely be changed to remote	19 threat and related impacts over the	responsibilities continue to grow for CAMHD					BHA's ability to	
			extend beyond that date.	which could reduce the effectiveness of	next 6 to 12 months - In Progress	Leadership. The Governor announced that					be fully	
				their project activities. Going forward	- IV&V recommends updates to the	potential furloughs and/or layoffs of State					functional in	
				most if not all project activities will	OCM Plan to include any new activities	workers will no longer be necessary based on					the office. The	
					or updates to planned activities to aid	the signing of the American Rescue Plan. IV&V					potential DDD	
				remotely until this crisis passes.	the organization through this COVID-	has reduced the priority of this finding from					and CAMHD	
					19 situation in the short and long term	Medium to Low and will continue to monitor					budget	
					Open	moving forward.					challenges	
						02/28/2021 - As reported in January, there					reported in	
						were no substantive changes observed for this					March were	
						finding in February. The Project continued to					also overcome	
						maintain its ability to operate with staff					during April,	
						working remotely. IV&V continues to note that					providing fiscal	
						there may be potential future budget actions					relief to BHA.	
11.000	5/31/2020	The lack of design reviews for com	There were a couple	If all requirements within a functional	IV&V recommends (and DOH has	07/31/2020 - The Project continues to to		Concern		Closed	This process	
			incidents during May where	design are not met, users could	commenced) conducting technical	spend additional time on the designs of					change to	
			the code promoted to	experience the inability to complete	design reviews for complex user	complex user stories during June to ensure					spend extra	
			production did not fully	required processes, resulting in	stories prior to development to ensure	requirements and user story components					time on the	
			meet all requirements of	incomplete data collection and	designs are complete and all	were fully captured in design sessions. This					design of	
			associated user stories for	potential issues in service delivery.	requirements associated with the	process change has proven successful, and as					complex user	
			CAMHD Progress Notes.		design are met. IV&V observed this	such, IV&V recommends closing this concern.					stories to	
			The components that were		activity has been implemented by DOH	06/30/2020 - IV&V acknowledges the Project					ensure that all	
			developed and		in the month of May.	Team continued to spend additional time on					requirements	
			implemented were		,	the designs of complex user stories during					are represented	
			functional, however the			June to ensure requirements and user story					has proven to	
			effort was complicated by			components were fully captured in design					be successful.	
			additional requirements			sessions. IV&V will continue to monitor in						
			being added during			July.						
			development that									
			necessitated additional									
			changes to the design. IV&V									
			will continue to monitor the									
			design review activity for									
			large user stories moving									
			forward									
1												
		ı	1	1	1	I .		1	1			

12.000	7/31/2020	DDD Project resource shortages m	The user adoption and	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
12.000	7,51,2525	Section of the sect	training efforts are	can never be understated. It is clearly a	much as possible within its sphere of	of the review process are pleased with the	Management	THISIC	2011	Ciosca	who've been	Dividedoridia
			_	best practice that best that all staff	influence to increase user adoption	quality of the videos produced within the					part of the	
			shortages. DDD has stated	utilize the solution in the same manner.	and training. This includes	toolset and have determined that the toolset					review process	
			that its users have been	Variations in how the system is utilized	procurement of the online training	is a very helpful training tool for DDD staff and					are pleased	
				by its users is likely to cause variations	toolsets to offset the need for in-	providers. As such, IV&V is closing this					with the quality	
			system to its fullest extent	in data collection and analytical efforts	person training, and adding staff as	finding.					of the videos	
			in terms of system	using the data collected.	needed to support OCM and technical	02/28/2021 - Training videos using the new					produced	
			workflow, provide their		efforts.	toolset were nearing completion by the end of					within the	
			insights and input, follow		IV&V recommends DOH perform a	February. DOH is currently reviewing the					toolset, and	
			up, etc. To assist in OCM		detailed investigation of the specific	drafts of the second set of videos and work is					have	
			activities, DDD has defined		variations as to how the system is	progressing well. IV&V will continue to					determined	
			the need for an interactive		currently being used by the user	monitor this finding until DDD has had					that the toolset	
			training tool to support		community. Consequently, users	sufficient time to determine the overall quality					is a very helpful	
			Inspire.		would be provided with constructive	of the training work products and whether the					training tool for	
					feedback on how the system should be	new toolset is addressing user adoption and					DDD staff and	
					utilized where gaps exist. This will	staffing shortages for these task efforts.					providers.	
					likely lead to additional refresher	01/31/2021 - Training design activities using						
					training to close identified system	the interactive training toolset commenced in						
					knowledge gaps.	January and has attained good progress. The						
						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						
						1, 0,						
13.000	8/31/2020	PII/PHI data in non-production env	IV&V has been made aware	Failure to secure PII/PHI data leaves the	IV&V recommends if production data	05/31/2021 - As reported in previous months,	Project	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	IV&V has been made aware that PII/PHI data currently	Failure to secure PII/PHI data leaves the organization open to highly targeted	IV&V recommends if production data is necessary in any non-production		Project Management	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env		,	'	05/31/2021 - As reported in previous months,	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	that PII/PHI data currently	organization open to highly targeted	is necessary in any non-production	05/31/2021 - As reported in previous months, there were no substantive changes for this	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	that PII/PHI data currently exist in a non-production	organization open to highly targeted social engineering attacks, heavy	is necessary in any non-production environment that DOH establishes a	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. Due to resource constraints,	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	that PII/PHI data currently exist in a non-production environment to meet	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	is necessary in any non-production environment that DOH establishes a plan for effectively managing the	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. Due to resource constraints, establishing a plan for managing PHI/PII data	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	that PII/PHI data currently exist in a non-production environment to meet project needs. Generally	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	is necessary in any non-production environment that DOH establishes a plan for effectively managing the security of the PII/PHI data, including	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. Due to resource constraints, establishing a plan for managing PHI/PII data in non-production BHA environments has not	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	that PII/PHI data currently exist in a non-production environment to meet project needs. Generally this is not a good security	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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.	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. Due to resource constraints, establishing a plan for managing PHI/PII data in non-production BHA environments has not yet commenced. Technical staff bandwidth	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	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	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. IV&V recommends that DOH mitigates	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	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-	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. IV&V recommends that DOH mitigates this finding by removing and/or	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	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	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. IV&V recommends that DOH mitigates this finding by removing and/or masking any PHI/PII data in its non-	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	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	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. IV&V recommends that DOH mitigates this finding by removing and/or masking any PHI/PII data in its non-production environments.	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	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	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. 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	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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. 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	PII/PHI data in non-production env	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 open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. 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	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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. 04/30/2021 - There were no substantive	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	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	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. 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	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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. 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	PII/PHI data in non-production env	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	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. 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	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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. 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	PII/PHI data in non-production env	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,	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. 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	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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. 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.	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	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	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. 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	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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. 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.	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	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,	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. 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	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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. 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.	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	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	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. 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	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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. 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
13.000	8/31/2020	PII/PHI data in non-production env	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 client trust and	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. 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	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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. 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	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	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 client trust and	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. 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	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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. 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.	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	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 client trust and	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. 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	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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. 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	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	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 client trust and	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. 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	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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. 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	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	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 client trust and	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. 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	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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. 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	1	Issue	Medium	Open		D Macdonald
13.000	8/31/2020	PII/PHI data in non-production env	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 client trust and	organization open to highly targeted social engineering attacks, heavy regulatory fines, and loss of client trust	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. 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	05/31/2021 - As reported in previous months, there were no substantive changes for this finding in May. 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. 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	1	Issue	Medium	Open		D Macdonald

14.000	8/31/2020	Project not able to access Activity	The Project recently	The unavailability of activity logs may	IV&V recommends that DHS continues	03/31/2021 - Per BHA, this finding is no longer	Release/Deployme	Rick	Low	Closed	Finding has	D Macdonald
14.000	0/31/2020	Indicate to access Activity	deployed audit log	hamper the investigation of future	to collaborate with Microsoft until the	an issue and recommends closure. IV&V is	nt Planning	NISK	LOW	Cioseu	been resolved.	Diviacuonalu
			functionality into	security breaches.	activity logging feature is available in	closing this finding.	III Flailling				been resolved.	
			production whereby these	security breaches.	all BHA non-production environments.	02/28/2021 - BHA continued this effort in						
			logs can be accessed and		an Bria non-production environments.	February despite a workaround being						
			exported as needed.			necessary from Microsoft due to a layering						
			However, IV&V was made			issue. Based on continued delays, it is unclear						
			aware access to activity			when this important security activity will be						
			logging for users with just			completed. IV&V will continue to monitor this						
			view permissions will not			finding. (Per Kamu, this status information did						
			be available from Microsoft			not correctly reflect the issue as the layering						
			in the public sector			issue has no relation to the activity logs.)						
			environment until the end			01/31/2021 - The implementation effort for						
			of September 2020. The			this activity moved forward in January. Some						
			unavailability of these			of the entities will have activity logging						
			specific activity logs could			completed in the planned early February						
			potentially hamper the			Release 3.12, while others will be delayed						
			investigation of future			until Release 3.13. IVV will continue to						
			security events until			monitor.						
			implemented.			12/31/2020 - The planning effort for						
			F			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						
45.000												
15.000	9/30/2020	Due to multiple quality concerns, t	System defects identified in	The identified quality issues have	To address quality issues, the Project	05/31/2021 - Quality issues continued to	Project	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	System defects identified in August that affected claims	The identified quality issues have negatively affected DOH billing	To address quality issues, the Project should continue to pursue and/or	05/31/2021 - Quality issues continued to negatively affect the project in May primarily	Project Management	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	'			I	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	August that affected claims	negatively affected DOH billing	should continue to pursue and/or	negatively affect the project in May primarily	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, 1	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:	negatively affect the project in May primarily in the areas of regression testing, smoke	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	August that affected claims were due to multi-faceted quality issues were individually addressed during this reporting	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	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	August that affected claims were due to multi-faceted quality issues were individually addressed	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	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	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	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.	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	August that affected claims were due to multi-faceted quality issues were individually addressed during this reporting period. IV&V notes that	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	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, 1	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	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.	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	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,	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	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although the BHA investigated adding a paid	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, 1	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	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	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although the BHA investigated adding a paid subscription to Microsoft User groups to their	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	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 Processes.	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although the BHA investigated adding a paid subscription to Microsoft User groups to their existing non-paid groups, it was determined	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	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. 4) BHA and RSM to collaborate on the	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although the BHA investigated adding a paid subscription to Microsoft User groups to their existing non-paid groups, it was determined that this would not help. DEVOPS was updated	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	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 necessary revisions to the submitted	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although the BHA investigated adding a paid subscription to Microsoft User groups to their existing non-paid groups, it was determined that this would not help. DEVOPS was updated with RCA tracking information as planned.	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	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	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	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although the BHA investigated adding a paid subscription to Microsoft User groups to their existing non-paid groups, it was determined that this would not help. DEVOPS was updated with RCA tracking information as planned. The project is planning on conducting an RCA	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	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	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	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although the BHA investigated adding a paid subscription to Microsoft User groups to their existing non-paid groups, it was determined that this would not help. DEVOPS was updated with RCA tracking information as planned. The project is planning on conducting an RCA for R3.15 which was promoted to production	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	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	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	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although the BHA investigated adding a paid subscription to Microsoft User groups to their existing non-paid groups, it was determined that this would not help. DEVOPS was updated with RCA tracking information as planned. The project is planning on conducting an RCA for R3.15 which was promoted to production on 5/20/2021 to address post-production	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	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	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	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although the BHA investigated adding a paid subscription to Microsoft User groups to their existing non-paid groups, it was determined that this would not help. DEVOPS was updated with RCA tracking information as planned. The project is planning on conducting an RCA for R3.15 which was promoted to production on 5/20/2021 to address post-production defects. IV&V will continue to monitor this	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	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:	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	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although the BHA investigated adding a paid subscription to Microsoft User groups to their existing non-paid groups, it was determined that this would not help. DEVOPS was updated with RCA tracking information as planned. The project is planning on conducting an RCA for R3.15 which was promoted to production on 5/20/2021 to address post-production defects. IV&V will continue to monitor this finding.	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	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:	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	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although the BHA investigated adding a paid subscription to Microsoft User groups to their existing non-paid groups, it was determined that this would not help. DEVOPS was updated with RCA tracking information as planned. The project is planning on conducting an RCA for R3.15 which was promoted to production on 5/20/2021 to address post-production defects. IV&V will continue to monitor this finding. 04/30/2021 - BHA has commenced mitigation	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	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 experience level to ensure they	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although the BHA investigated adding a paid subscription to Microsoft User groups to their existing non-paid groups, it was determined that this would not help. DEVOPS was updated with RCA tracking information as planned. The project is planning on conducting an RCA for R3.15 which was promoted to production on 5/20/2021 to address post-production defects. IV&V will continue to monitor this finding. 04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	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	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 -	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although the BHA investigated adding a paid subscription to Microsoft User groups to their existing non-paid groups, it was determined that this would not help. DEVOPS was updated with RCA tracking information as planned. The project is planning on conducting an RCA for R3.15 which was promoted to production on 5/20/2021 to address post-production defects. IV&V will continue to monitor this finding. 04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects.	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	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	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	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although the BHA investigated adding a paid subscription to Microsoft User groups to their existing non-paid groups, it was determined that this would not help. DEVOPS was updated with RCA tracking information as planned. The project is planning on conducting an RCA for R3.15 which was promoted to production on 5/20/2021 to address post-production defects. IV&V will continue to monitor this finding. 04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects.	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	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	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although the BHA investigated adding a paid subscription to Microsoft User groups to their existing non-paid groups, it was determined that this would not help. DEVOPS was updated with RCA tracking information as planned. The project is planning on conducting an RCA for R3.15 which was promoted to production on 5/20/2021 to address post-production defects. IV&V will continue to monitor this finding. 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	,	Issue	High	Open		D Macdonald
15.000	9/30/2020	Due to multiple quality concerns, t	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	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	negatively affect the project in May primarily in the areas of regression testing, smoke testing, environment inconsistencies, and code deployments. R3.12 RCA action plans to improve quality have not been fully implemented due to technical resource constraints. This includes adding process steps to existing CAMHD component testing and updates to deployment checklists. Although the BHA investigated adding a paid subscription to Microsoft User groups to their existing non-paid groups, it was determined that this would not help. DEVOPS was updated with RCA tracking information as planned. The project is planning on conducting an RCA for R3.15 which was promoted to production on 5/20/2021 to address post-production defects. IV&V will continue to monitor this finding. 04/30/2021 - BHA has commenced mitigation efforts to address the highest priority RCA items resulting from the R3.12 defects.	,	Issue	High	Open		D Macdonald

	10/5/2020	Usage of Semantics and IDM for de	The project noted its intent			01/21/2021 The project has made areast	Targeted VT	Concern		Clasad	The project has	D Macdanald
16.000	10/3/2020	Osage of Semantics and IDM for de	to obtain more targeted			01/31/2021 - The project has made great strides addressing this concern. A Semantics	Targeted KT	Concern		Closed	The project has made good	D iviacdonald
			knowledge transfer of both			_					progress	
			the Semantics Reporting			Layer KT session was conducted on 1/29/21 and multiple IDM and Semantic Layer sessions					establishing	
											_	
			and IDM tools. IV&V will			has been scheduled in February. IV&V is					and initial	
			continue to monitor this			closing this finding as we no longer view this					execution of	
			concern.			item as a concern.					the IDM and	
						12/31/2020 - IV&V is aware that an overview					Semantics Layer	
						of the Semantics Layer KT session was held on					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						
17.000	10/27/2020	The bandwidth of CAMHD Leaders	CAMHD has been provided	CAMDH Leadership participation in key	IV&V recommends CAMHD look for	05/31/2021 - As anticipated, CAMHD	Project	Risk	Low	Open		D Macdonald
				a satisfation and did by a story of the satisfic	opportunities to augment the		•				1	
			with an approval to	factivities could be significantly	Topportunities to augment the	Leadership time spent on efforts outside of	Management					
			with an approval to commence planning efforts	activities could be significantly hindered by the flood of activities that	management staffing for planning	Leadership time spent on efforts outside of the Inspire Project reduced during May. This	Management					
			commence planning efforts	hindered by the flood of activities that		the Inspire Project reduced during May. This	Management					
			commence planning efforts for expansion of the project	hindered by the flood of activities that could occur as the department assesses	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10%	Management					
			commence planning efforts for expansion of the project for ADAD and AMHD &	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the	Management					
			commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership	hindered by the flood of activities that could occur as the department assesses	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional	Management					
			commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing	Management					
			commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to	Management					
			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 planning	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor.	Management					
			commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor. 04/30/2021 - CAMHD Leadership time spent	Management					
			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 planning	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor. 04/30/2021 - CAMHD Leadership time spent on efforts outside of the INSPIRE Project	Management					
			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 planning	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor. 04/30/2021 - CAMHD Leadership time spent on efforts outside of the INSPIRE Project continued to increase during early April but	Management					
			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 planning	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor. 04/30/2021 - 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.	Management					
			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 planning	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor. 04/30/2021 - 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	Management					
			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 planning	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor. 04/30/2021 - 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	Management					
			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 planning	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor. 04/30/2021 - 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	Management					
			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 planning	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor. 04/30/2021 - 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	Management					
			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 planning	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor. 04/30/2021 - 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	Management					
			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 planning	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor. 04/30/2021 - 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	Management					
			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 planning	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor. 04/30/2021 - 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	Management					
			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 planning	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor. 04/30/2021 - 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	Management					
			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 planning	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor. 04/30/2021 - 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	Management					
			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 planning	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor. 04/30/2021 - 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.	Management					
			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 planning	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor. 04/30/2021 - 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.	Management					
			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 planning	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor. 04/30/2021 - 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. 03/31/2021 - CAMHD Leadership time spent on efforts outside of the INSPIRE Project	Management					
			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 planning	hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	management staffing for planning	the Inspire Project reduced during May. This level of effort decreased to approximately 10% of available time in May, largely for the planning of the Max/Inspire divisional expansion effort. As such, IV&V is reducing the priority of this finding from Medium to Low and will continue to monitor. 04/30/2021 - 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.	Management					

18.000	11/30/2020	Due to consistent technical issues	The IDM and Compatic layer		IV&V recommends the project to	05/31/2021 - There is only one open Microsoft	Bolosco / Donlovmo	Iccuo	Medium	Onon	D Macdonald
18.000	11/30/2020	Due to consistent technical issues i	efforts have experienced		continue to monitor the status of	ticket affecting the attachment of Claims to	nt Planning	issue	ivieululli	Open	Diviaccionald
			several delays attributable		outstanding Microsoft tickets and to	the Batch. As such, IV&V is reducing the	III Flailling				
			to issues escalated to		escalate the priority of these tickets as	criticality of this finding from High to Medium					
			Microsoft. The issues have		deemed necessary.	and will continue to monitor.					
			ranged from administrative		decined necessary.	04/30/2021 - BHA continues to work with					
			/ communication (entering			Microsoft on technical issues as they arise in					
			issues into the Commercial			the Government Community Cloud (GCC)					
			support instance vs the			instance. The issue with fields being locked					
			Government Cloud support			has been resolved, however, a new MS ticket					
			instance), to several key			was opened to address workflows and					
			technical issues requiring			business rules being disabled after a solution					
			assistance to resolve. To			upgrade was applied. This issue has put a halt					
			date, these support needs			to all solution aware CRM development and					
			have added over a month to			code promotion work. This issue has delayed					
			the IDM and Semantic Layer			the R3.15 production release by at least a					
			project schedules.			week. IV&V will continue to monitor this					
						finding.					
						03/31/2021 - 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 is					
						still outstanding. IV&V will continue to					
						monitor this finding.					
						02/28/2021 - BHA continues to work with					
						Microsoft on technical issues as they arise in					
						the Government Community Cloud (GCC)					
19.000	12/31/2020	Due to on-going deployment proce		Repeatable documented release and	Develop a plan to institutionalize the	05/31/2021 - Release R3.15 was promoted to	Release/Deployme	Issue	High	Open	D Macdonald
			defects pushed to	deployment will help ensure that	execution of "Smoke Testing" for	production on 5/20/2021. Three high priority	nt Planning				
			production with Phase 3	mistakes are minimized, and that	promotions to non-production and	defect issues were identified, addressed, and	nt Planning				
			production with Phase 3 releases. Some of the	mistakes are minimized, and that functionality is not mistakenly	promotions to non-production and production environments. This will	defect issues were identified, addressed, and re-promoted to production on 5/21/2021.	nt Planning				
			production with Phase 3 releases. Some of the defects introduced to	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	promotions to non-production and production environments. This will help to ensure that all components	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were	nt Planning				
			production with Phase 3 releases. Some of the defects introduced to production have been	mistakes are minimized, and that functionality is not mistakenly	promotions to non-production and production environments. This will help to ensure that all components needed to test have been properly	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis	nt Planning				
			production with Phase 3 releases. Some of the defects introduced to production have been narrowed down to	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion	nt Planning				
			production with Phase 3 releases. Some of the defects introduced to production have been narrowed down to environmental promotional	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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.	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion	nt Planning				
			production with Phase 3 releases. Some of the defects introduced to production have been narrowed down to environmental promotional activities. In these	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion corrective action initiatives resulting from the	nt Planning				
			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	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion corrective action initiatives resulting from the R3.12 RCA were not implemented prior to the	nt Planning				
			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 environments were not in	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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 deployment activities to ensure	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion corrective action initiatives resulting from the R3.12 RCA were not implemented prior to the release of R3.15. CAMHD technical staff	nt Planning				
			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 environments were not in sync with the production	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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 deployment activities to ensure complete ownership of these	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion corrective action initiatives resulting from the R3.12 RCA were not implemented prior to the release of R3.15. CAMHD technical staff mentioned that releases and their	nt Planning				
			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 environments were not in sync with the production environment (missing	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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 deployment activities to ensure complete ownership of these processes. This should assist with	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion corrective action initiatives resulting from the R3.12 RCA were not implemented prior to the release of R3.15. CAMHD technical staff mentioned that releases and their deployments may increase in quality if the	nt Planning				
			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 environments were not in sync with the production environment (missing business rules, missing	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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 deployment activities to ensure complete ownership of these processes. This should assist with consistency in approach and execution	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion corrective action initiatives resulting from the R3.12 RCA were not implemented prior to the release of R3.15. CAMHD technical staff mentioned that releases and their deployments may increase in quality if the scope of each release were limited to specific	nt Planning				
			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 environments were not in sync with the production environment (missing business rules, missing components, missing	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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 deployment activities to ensure complete ownership of these processes. This should assist with consistency in approach and execution going forward.	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion corrective action initiatives resulting from the R3.12 RCA were not implemented prior to the release of R3.15. CAMHD technical staff mentioned that releases and their deployments may increase in quality if the scope of each release were limited to specific areas of the solution. This would potentially	nt Planning				
			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 environments were not in sync with the production environment (missing business rules, missing components, missing dependencies, etc.). IVV is	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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 deployment activities to ensure complete ownership of these processes. This should assist with consistency in approach and execution going forward. As appropriate, consult with RSM on	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion corrective action initiatives resulting from the R3.12 RCA were not implemented prior to the release of R3.15. CAMHD technical staff mentioned that releases and their deployments may increase in quality if the scope of each release were limited to specific areas of the solution. This would potentially reduce the need for 'cherry picking' activities;	nt Planning				
			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 environments were not in sync with the production environment (missing business rules, missing components, missing dependencies, etc.). IVV is aware that DOH staff	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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 deployment activities to ensure complete ownership of these processes. This should assist with consistency in approach and execution going forward. As appropriate, consult with RSM on best practices that BHA could employ	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion corrective action initiatives resulting from the R3.12 RCA were not implemented prior to the release of R3.15. CAMHD technical staff mentioned that releases and their deployments may increase in quality if the scope of each release were limited to specific areas of the solution. This would potentially reduce the need for 'cherry picking' activities; however, this scope limitation has proven	nt Planning				
			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 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	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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 deployment activities to ensure complete ownership of these processes. This should assist with consistency in approach and execution going forward. As appropriate, consult with RSM on best practices that BHA could employ to support deployment.	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion corrective action initiatives resulting from the R3.12 RCA were not implemented prior to the release of R3.15. CAMHD technical staff mentioned that releases and their deployments may increase in quality if the scope of each release were limited to specific areas of the solution. This would potentially reduce the need for 'cherry picking' activities; however, this scope limitation has proven difficult for BHA to implement. Another mid-	nt Planning				
			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 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	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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 deployment activities to ensure complete ownership of these processes. This should assist with consistency in approach and execution going forward. As appropriate, consult with RSM on best practices that BHA could employ	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion corrective action initiatives resulting from the R3.12 RCA were not implemented prior to the release of R3.15. CAMHD technical staff mentioned that releases and their deployments may increase in quality if the scope of each release were limited to specific areas of the solution. This would potentially reduce the need for 'cherry picking' activities; however, this scope limitation has proven difficult for BHA to implement. Another midsprint deployment is being added to the	nt Planning				
			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 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	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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 deployment activities to ensure complete ownership of these processes. This should assist with consistency in approach and execution going forward. As appropriate, consult with RSM on best practices that BHA could employ to support deployment. Look at implementing 'hard' code	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion corrective action initiatives resulting from the R3.12 RCA were not implemented prior to the release of R3.15. CAMHD technical staff mentioned that releases and their deployments may increase in quality if the scope of each release were limited to specific areas of the solution. This would potentially reduce the need for 'cherry picking' activities; however, this scope limitation has proven difficult for BHA to implement. Another mid-	nt Planning				
			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 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	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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 deployment activities to ensure complete ownership of these processes. This should assist with consistency in approach and execution going forward. As appropriate, consult with RSM on best practices that BHA could employ to support deployment. Look at implementing 'hard' code freeze dates as well as test	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion corrective action initiatives resulting from the R3.12 RCA were not implemented prior to the release of R3.15. CAMHD technical staff mentioned that releases and their deployments may increase in quality if the scope of each release were limited to specific areas of the solution. This would potentially reduce the need for 'cherry picking' activities; however, this scope limitation has proven difficult for BHA to implement. Another midsprint deployment is being added to the schedule to address the unresolved	nt Planning				
			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 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	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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 deployment activities to ensure complete ownership of these processes. This should assist with consistency in approach and execution going forward. As appropriate, consult with RSM on best practices that BHA could employ to support deployment. Look at implementing 'hard' code freeze dates as well as test environment deployment dates to	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion corrective action initiatives resulting from the R3.12 RCA were not implemented prior to the release of R3.15. CAMHD technical staff mentioned that releases and their deployments may increase in quality if the scope of each release were limited to specific areas of the solution. This would potentially reduce the need for 'cherry picking' activities; however, this scope limitation has proven difficult for BHA to implement. Another midsprint deployment is being added to the schedule to address the unresolved production defects caused by the R3.15	nt Planning				
			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 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	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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 deployment activities to ensure complete ownership of these processes. This should assist with consistency in approach and execution going forward. As appropriate, consult with RSM on best practices that BHA could employ to support deployment. Look at implementing 'hard' code freeze dates as well as test environment deployment dates to ensure that testing and deployment	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion corrective action initiatives resulting from the R3.12 RCA were not implemented prior to the release of R3.15. CAMHD technical staff mentioned that releases and their deployments may increase in quality if the scope of each release were limited to specific areas of the solution. This would potentially reduce the need for 'cherry picking' activities; however, this scope limitation has proven difficult for BHA to implement. Another midsprint deployment is being added to the schedule to address the unresolved production defects caused by the R3.15 release. Without substantive course	nt Planning				
			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 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	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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 deployment activities to ensure complete ownership of these processes. This should assist with consistency in approach and execution going forward. As appropriate, consult with RSM on best practices that BHA could employ to support deployment. 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	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion corrective action initiatives resulting from the R3.12 RCA were not implemented prior to the release of R3.15. CAMHD technical staff mentioned that releases and their deployments may increase in quality if the scope of each release were limited to specific areas of the solution. This would potentially reduce the need for 'cherry picking' activities; however, this scope limitation has proven difficult for BHA to implement. Another midsprint deployment is being added to the schedule to address the unresolved production defects caused by the R3.15 release. Without substantive course correction, this condition is most likely to	nt Planning				
			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 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	mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	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 deployment activities to ensure complete ownership of these processes. This should assist with consistency in approach and execution going forward. As appropriate, consult with RSM on best practices that BHA could employ to support deployment. 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	defect issues were identified, addressed, and re-promoted to production on 5/21/2021. Since then, several other issues were identified, indicating that a full impact analysis was not performed prior to the re-promotion effort. IV&V notes that code promotion corrective action initiatives resulting from the R3.12 RCA were not implemented prior to the release of R3.15. CAMHD technical staff mentioned that releases and their deployments may increase in quality if the scope of each release were limited to specific areas of the solution. This would potentially reduce the need for 'cherry picking' activities; however, this scope limitation has proven difficult for BHA to implement. Another midsprint deployment is being added to the schedule to address the unresolved production defects caused by the R3.15 release. Without substantive course correction, this condition is most likely to continue causing unplanned rework cycles and	nt Planning				

20.00	0 3/28/2021	The pending RSM contract expirat	3 is currently planned to complete in September 2021. BHA will need a transition plan to ensure that it has all knowledge transfer and is fully capable of managing all aspects of	completely stand on its own without	that DOH has the knowledge, skills, and capabilities to perform all aspects of the project prior to September 2021. If the knowledge transfer takes more time than planned, consider developing, testing, and promoting less releases in the summer months as the transition off of vendor support approaches.	05/31/2021 - Per CAMHD, the RSM contract amendments to extend the DD&I effort (Mod 5) to the end of December 2021 and also provide M&O services (Mod 6) through May 2022 were fully executed in May. IV&V is closing this preliminary concern. 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	Close	d The RSM amendments were fully executed in May 2021.	Vic Dudoit
21.00	0 4/30/2021	The DDD Project Manager will be	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.	05/31/2021 - The highest priority tasks and activities typically accomplished by the DDD Project Manager have been re-assigned to other DDD staff. IV&V notes that this results in some level of bandwidth/workload challenges for DDD technical staff.	Project Management	Concern	Орег		Darren