

OFFICE OF ENTERPRISE TECHNOLOGY SERVICES

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August 18, 2022

The Honorable Ronald D. Kouchi President of the Senate and Members of the Senate Thirty-First State Legislature State Capitol, Room 409 Honolulu, Hawai'i 96813 The Honorable Scott K. Saiki Speaker and Members of the House of Representatives Thirty-First State Legislature State Capitol, Room 431 Honolulu, Hawai'i 96813

Aloha Senate 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 Hawai'i, Department of Health, 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

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Attachments (2)



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

Final IV&V Report for the period of

July 1 - July 31, 2022

Final submitted: August 12, 2022



Agenda

Executive Summary

IV&V Findings & Recommendations

Appendices

- A Rating Scales
- B Inputs
- C Project Trends





Executive Summary

The Project deployed R3.25 to production on 7/21/2022. There were five (5) post-production critical defects. A Mid-Sprint Deployment (MSD) was completed on 7/26/2022 to fix two of these critical defects. Another MSD is planned for early August to address another critical defect. A formal R3.25 Root Cause Analysis (RCA) is also planned for early August to address these critical defects.

The Project Team aggressively worked on reviewing and updating the backlog in the month of July to help with providing the necessary IAPDU details to address the need to extend the DD&I period. The BHA Management Team had planned on submitting the IAPDU in July, but it is now expected to be submitted in August due to delays in finalizing cost information.

May	Jun	Jul	Category	IV&V Observations
R	R	Sprint Planning The Project continued to aggressively review and update the backlog to ensure it is current, manageable, and feasible to implement within the development timeframes. leadership's plan to submit an IAPDU in July has been pushed out to August. The criticality rating for this category remains Red (high) for the July reporting period.		current, manageable, and feasible to implement within the development timeframes. BHA leadership's plan to submit an IAPDU in July has been pushed out to August. The
G	G	G	User Story (US) Validation There are no active findings in the User Story (US) Validation category which remains Green (low criticality) for the July reporting period. IV&V will continue to monitor the US development and validation process in upcoming reporting periods.	
Y	Y	Y	Test Practice Validation	BHA has procured licenses for the automation test tool Tricentis and training is expected to start in early September. Automated regression testing setup will be completed in November or December. This category remains Yellow (medium criticality) for the July reporting period.
R	R	R	Release / Deployment Planning	Five (5) post-production defects were identified for R3.25 and it is suspected that some of them may be related to deployment issues. The team members added to the deployment team continue to learn and improve their skills and experience by performing deployments while being shadowed. IV&V will continue to closely monitor this high criticality category.



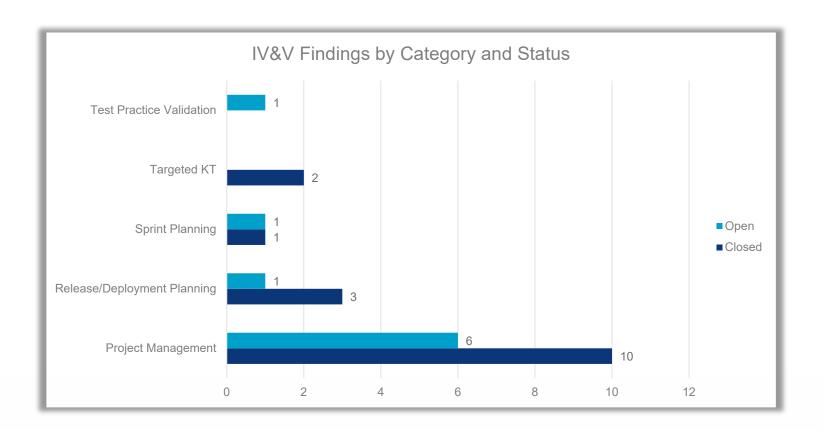
Executive Summary

May	Jun	Jul	Category	IV&V Observations
G	G	G	OJT and KT Sessions	The criticality rating for the OJT and KT Sessions category remains Green (low) for the July reporting period with no active findings.
G	G	G	Targeted KT	This category remains Green (low criticality) for the July reporting period and IV&V will continue to monitor.
G	G	G	Project Performance Metrics	The defect percentages for R3.25 significantly improved from previous releases and was below the expected target of 20% or less. The velocity for R3.25 far exceeded the estimated user stories planned for the release. IV&V will continue to monitor this category.
G	G	G	Organizational Maturity Assessment (OMA)	There were no updates to this category. The criticality rating for the Organization Maturity Assessment (OMA) category remains Green (low).
R	R	R	Project Management	Quality issues continue to persist with project releases and 'Big Boulder' prioritized features/functionality implementation schedules slipping during July. IV&V will continue to monitor the progress of the medium issue raised last month to address the need for project governance. A new preliminary concern has been logged to address decreased productivity and staff morale issues as a result of not being able to work remotely. The criticality rating for this category remains red for the month of July.



Executive Summary

As of the July 2022 reporting period, there are a total of nine (9) open findings – three High Issues, five Medium Issues, and a preliminary concern spread across the Sprint Planning, Release / Deployment Planning, Test Practice Validation, and Project Management assessment areas.





Assessment Categories

Throughout this project, IV&V verifies and validates 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
7	High Issue - The BHA Technical Team bandwidth may not be adequate to meet the needs of the project, which could compromise project productivity. This high criticality finding continues to be the most impactful issue affecting the Project. Helpdesk team members brought in to assist and support the deployment team continue to improve their skills and experience with the last couple of releases and the recent mid-sprint deployment. IV&V will continue to monitor this finding.	H

Recommendations	Status
BHA needs, and should pursue, documentation of the Calculator 3.0 solution.	In progress
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
BHA needs, and should pursue, additional Knowledge Transfer sessions on the updated Calculator 3.0 solution.	Completed
The Project should consider the formation of a first level resource team to triage/address production defects in a timely manner, without disrupting new development work.	Completed
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	Medium Issue – As a result of regression testing not being consistently performed, production releases are breaking and/or deprecating existing functionality in the production environment. R3.25 was promoted to production on 7/21/2022 and five (5) post-production defects were identified. A formal Root Case Analysis (RCA) is planned for the first week in August, and it is uncertain if regression testing improvements are warranted as a result of one or more of these defects.	
	BHA has procured licenses for the Tricentis automated regression testing tool and training is scheduled for the first week in September. Regression testing setup is anticipated to take approximately 2-3 months to complete, ending in November or December 2022. IV&V will continue to monitor this medium criticality finding.	•

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 DDD and CAMHD develop a common and consistent approach across divisions for regression testing. 	Completed
 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. 	Completed



Test Practice Validation (cont'd)

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

Test Practice Validation (cont'd)

Recommendations	Status
 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
 IV&V recommends performing an RCA in collaboration with RSM for the continued concerns with regression testing efforts. 	Completed



Release / Deployment Planning

#	ŧ	Key Findings	Criticality Rating
1	8	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. R3.25 was promoted to production on 7/21/2022 and five (5) post-production defects were identified. A formal Root Case Analysis (RCA) is planned for the first week in August. It is suspected that deployment issues may have caused some of the defects. This release was originally planned for a Full Solution Upgrade and then the project pivoted to a patch deployment, which resulted in an abbreviated timeframe for deployment planning. IV&V will continue to monitor this high criticality finding.	H

Recommendations	Status
 Ensure there are adequate and qualified resources to support the current deployment processes. This may require the support from RSM resources to provide assistance and knowledge transfer for some of the more complex deployment components. 	In Progress
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



Release / Deployment Planning (cont'd)

Recommendations	Status
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
 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
 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. 	Completed



Release / Deployment Planning (cont'd)

Recommendations	Status
 Develop a plan to institutionalize the execution of "Smoke Testing" for promotions to non-production and production environments. This will help to ensure that all components needed to test have been properly deployed prior to the actual execution of test activities. 	Completed
 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

Project Management

#	Key Findings	Criticality Rating
14	Medium Issue - Due to multiple quality concerns, the Project may continue to face impactful system defects. As with the previous release, the Project encountered quality issues as five (5) post-production defects were identified for R3.25 which was deployed on 7/21/2022. A formal Root Case Analysis (RCA) is planned for the first week in August and it remains uncertain if coding, deployment, or other quality issues were the potential cause for these defects. To address these defects, two of the critical items was deployed in a Mid Sprint Deployment on 7/26/2022 and another critical item is planned for a second Mid Sprint Deployment in early August. IV&V will continue to monitor this medium criticality finding.	M

Recommendations	Status
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
Assign dedicated resources to provide oversight of CAMHD Fiscal Processes.	In Progress
Monitor implemented improvements for effectiveness.	In Progress



Recommendations	
 IV&V recommends performing an RCA in collaboration with RSM after all future release deployments for continual quality improvement. 	Completed
BHA and RSM to collaborate on the necessary revisions to the submitted design deliverables to increase level of detail and quality.	Completed
 Perform typical project testing including System Integration, User Acceptance, Performance, and Regression Testing. 	Completed
 Dedicate sufficient time in between releases for BHA and RSM to execute/implement RCA correction actions to reduce the volume of unplanned rework. 	Completed

#	Key Findings	Criticality Rating
12	Medium Issue – PII/PHI data in non-production environments. As reported in previous months, there were no substantive changes to this finding identified during July. The Security Assessment will commence after the associated contracts are executed and it is unclear when this will occur. BHA plans to work with RSM to seek proposed solutions used on other projects for managing the PII/PHI data in non-production environments. IV&V will continue to monitor this medium criticality issue.	M

Recommendations	
 IV&V recommends DOH consider limiting the volume of environments with PII/PHI data 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
21	Medium Issue – Unplanned rework may have an impact on delivering DDI functionality by the end of the DDI period. R3.25 was deployed on 07/21/2022 and the associated defect percentage significantly improved from previous releases. The percentage dropped to 15%, well within the target of 20%. IV&V will continue to monitor this medium criticality finding.	M

Recommendations	Status
Reduce the amount of unplanned rework by continuing to focus on quality improvement measures.	In Progress
Strive for defect performance metric not to exceed 20% of all user story points in any given release.	In Progress



#	Key Findings	Criticality Rating
22	High Issue - The project schedules for 'big boulder' functionality development are slipping. 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable and ready for project team consumption. This should assist the project with finalizing the "Big Boulder" features/functionality implementation schedules. As a result of the frequent changes to the Project's updated draft Feature Roadmap, the corresponding implementation schedules have been volatile and delivery prior to the end of the DDI period is at risk. As mitigation, the Project planned to submit another IAPDU in July to move the DD&I period out to May 2023, however that date was not achieved. It is now anticipated to be completed and submitted in August. Due to the continued slippage of the 'Big Boulder' schedules and the velocity impacts caused by resource availability, this remains a high exposure issue. IV&V will continue to closely monitor this issue and the status of the 'Big Boulder' initiatives.	(1)

Recommendations	Status
Extend the current DDI timeframe to allow for the completion of 'big boulder' interfaces functionality development.	In Progress
BHA to add more resources to support the development of "big boulder' interfaces functionality.	Open



#	Key Findings	Criticality Rating
25	Medium Issue - The lack of a formal project governance structure is impeding decision-making procedures and overall leadership cohesiveness. A Project Charter has been developed and is in process of review and approval by the Executive Steering Committee to commence activities related to formal Project Governance.	M

Recommendations	Status
• Establish a formal project governance structure to allow CAMHD, DDD, and other divisions to 1) have a single point of accountability, 2) ensure the right projects are approved, 3) outline roles, responsibility and relationships among project stakeholders, 4) provide issue management and resolution, and 5) help with information dissemination and transparent communication.	In Progress



#	Key Findings	Criticality Rating
26	New Preliminary Concern - The inability for BHA staff to work remotely is decreasing productivity and causing morale issues amongst team members. Project team members have reported decreased productivity and there is a strong likelihood of the Project losing team members due to their inability to work remotely. This is evidenced by a current Help Desk employee retiring early and citing this as the reason. The Department may consider granting remote work to improve productivity and help increase morale to help ensure the existing short-staffed issue is not further exacerbated.	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 	July – Available velocity for R3.25 was estimated at 61 user story points, and a total of 206 user story points were promoted to production on July 21, 2022. The overall cumulative Phase 3 targeted USP's was planned for 2,136, and the actual USP count is now 2,801.27 Overall, this continues to exceed expectations for volume of work performed.	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	 July R3.25 was deployed to production on July 21, 2022. A total of 206 USPs were promoted to production. 85% of the total USPs were associated with planned user stories and requests. 15% of the total USPs were associated with defects that were either encountered during the release or pulled from the backlog. The defect ratio for July met the target of 20% or less of the total USPs in any given release. 	N/A

Appendix A: IV&V Rating Scales

Appendix AIV&V Rating Scales

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

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

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

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

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

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

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

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

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

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

Significant schedule issues exist (> 60 days late). Milestone and task completion dates will need to be re-planned.

Executive management and/or project sponsorship attention is required to bring the assessment category under control.



Appendix A

Finding Criticality Ratings

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



Appendix B

Inputs

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

Meetings attended during the July 2022 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
- 5. Bi-Weekly Check-in: DDD
- 6. 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 July 2022 reporting period:

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





Appendix C: Project Trends

Appendix C Project Trends

Trend:	Overall	l Projec	t Health	1						
Process Area					2021,	/2022				
FIUCESS AIEd	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul
User Story Validation										
Test Practice Validation										
Sprint Planning										
Release / Deployment Planning										
OJT and KT Sessions										
Targeted KT										
Project Performance Metrics										
Organizational Maturity Metrics										
General Project Management										
Total Open Findings	9	8	8	8	7	7	7	7	8	9
Issue - high	2	1	1	1	1	2	2	2	3	3
Issue - medium	4	4	4	4	4	4	4	5	5	5
Issue - low	3	3	3	3	2	1	1	0	0	0
Risk - high	0	0	0	0	0	0	0	0	0	0
Risk - medium	0	0	0	0	0	0	0	0	0	0
Risk - low	0	0	0	0	0	0	0	0	0	0
Preliminary Concern	0	0	0	0	0	0	0	0	0	1





Solutions that Matter

ID	Date Identified	Finding	Finding Statement	Supporting Analysis	PCG Recommendation	Finding Update	Process Area	Finding Type	Priority	Status	Risk Owner	Closure Reason
1.00	12/31/2019	Detailed investigation into the project's sprint planning processes and adoption of generally accepted agile best practices.	IV&V is currently investigating the following topics as they relate to Sprint Planning and the project's overall approach to agile software development: - IV&V acknowledges that the project is now planning three sprints outs, however, it appears that only a "high-level" sprint planning roadmap has been produced, and it is unclear 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 AAdditionally, in the January 2020 reporting period, IV&V will seek additional information and visibility into the project's processes specific to prioritizing requests and how user stories in TFS are tagged to features, as well as the realignment of project development and configuration resources to complete the scope of Release 3.5.	good, the project should be able to identify what feature enhancements will be targeted for each planned release. This roadmap will help the project manage scope and productivity. Relatedly, the "definition done" is an important artifact to ensure that the project is successful. Otherwise, the project will struggle to prioritize requests/enhancements and manage scope.	should identify what feature	01/31/2020 - IV&V is closing this concern, and will be tracking items related to Definition of Done, roadmap, resourcing, and backlog grooming in new, separate findings.	Sprint Planning	Preliminary Concern	N/A	Closed	Ramesh, Vijaya (PCG)	Due to multiple new items being tracked at a more granular level, this item has been closed.
2.00	12/31/2019	As a result of regression testing not being consistently performed, production releases are breaking and/or deprecating existing functionality in the production environment.	R3.3 introduced a defect that deprecated features in production specific to Integrated Support and Life Trajectory functionality. DDD has informed IV&V that there are other examples of functionality being deprecated after a release, some of which are still being investigated. As of this report, IV&V has not evaluated the project's root cause analysis (RCA) process used to determine why such functionality was deprecated but will discuss further with BHA in January 2020.	regression test cases is necessary to prevent both defects and the deprecation of production functionality when a release is pushed live. When defects occur in production, the project should follow a defined and repeatable process for determining the root cause of the problem.	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. IV&V recommends DDD and CAMHD to develop a common and consistent approach across divisions for performing regression testing. 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. Updating the regression test scripts to ensure consistency with system configuration. Modifying release schedules to allow for regression testing timeframes Planning releases by functionality type to avoid unnecessary repetitive work	07/31/2022 - This high criticality finding continues to be the most impactful issue affecting the Project. Helpdesk team members brought in to assist and support the deployment team continue to improve their skills and experience with the last couple of releases and the recent mid-sprint deployment. IV&V will continue to monitor this finding. BHA has procured licenses for the Tricentis automated regression testing tool and training is scheduled for the first week in September. Regression testing setup is anticipated to take approximately 2-3 months to complete, ending in November or December 2022. IV&V will continue to monitor this medium criticality finding. 06/30/2022 - R3.24 was promoted to production on 6/9/2022 and four critical defects were identified following the promotion. While most of the issues were deployment-related, a testing gap was also cited as a contributing factor. Testing of necessary data updates was not adequately performed, and the resultant defect caused hours of rework, followed by the need to redeploy the data updates.	Test Practice Validatio	Issue	Medium	Open	Darren Macdonald	

3.00	12/31/2019	Usage of open source	IV&V learned in December 2019	Open source tools and frameworks offer	IV&V recommends BHA work to	08/31/2020 - IV&V is unaware of any	Targeted KT	Risk	Low	Closed	Darren	RSM has
3.00	12/31/2019	JavaScript framework for	that the Calculator 3.0 functionality	organizations great opportunities to	establish a reliable and	additional KT gaps being identified by DOH,	raigeteu Ki	IVIDA	LOW	Cioseu	Macdonald	successfully held
		development and ongoing	is built in Vue.JS, an open source	build and configure customized	repeatable process for keeping	and as such, is closing this					iviacuonaiu	several KT sessions
			JavaScript framework. As this	solutions at lower costs than through	abreast of communal updates	finding.07/31/2020 - The Project resolved						for this technology
		requires BHA to take a	framework is relatively new, the	software purchase or licensing.	and support opportunities for a	the majority of the outstanding Calculator						and functionality,
		proactive approach to	open source support community is	However, open source tools and	new suite of tools -	3.0 defects during July which was						and DOH staff
		support and security.	small. IV&V's concerns include: -	frameworks often do not come with	CompletedIV&V recommends	implemented in the mid-sprint release on						have stated that it
		support and security.	The availability of reliable support		BHA continue to hold targeted	7/17/2020. The final Calculator 3.0						was well received.
			for Vue.JS - The project's		KT sessions with RSM on	Knowledge Transfer session was conducted						was well received.
			understanding of any known	Because of this, the organization bears	maintaining Calculator 3.0 via a	on 7/17/2020. IV&V recommends BHA to						
			vulnerabilities with Vue.JS, and	the weight of seeking out reliable help	suite of tools, and determine	identify and communicate any additional KT						
			· ·	and support, as well as much take a	what additional skillsets,	gaps to RSM during the month of August. If						
			current on vulnerabilities		training, and/or resources are	no additional needs are identified, IV&V will						
			discovered by the support	identifying any vulnerabilities in the	needed to support BHA's long-	close this finding. 06/30/2020 - The project						
			community The RSM lead for	tools.	term ownership of Calculator	continued to focus attention on the						
			Calculator 3.0 went on extended		3.0 - Completed	Calculator 3.0 defects during the month of						
			parental leave in December			June. RSM conducted another Calculator 3.0						
			2019IV&V acknowledges that BHA			Knowledge Transfer session on 6/26/2020						
			has downloaded Vue.JS to start			and scheduled a final session for 7/17/2020.						
			getting familiar with it.			05/31/2020 - The project continued to focus						
						attention on the Calculator 3.0 user stories						
						and defects during the month of May. RSM						
						conducted another Calculator 3.0						
						Knowledge Transfer session on 5/29/2020						
						which IV&V attended. This session included						
						the new C3.0 year-end changes. Additional						
						KT sessions is planned for and IV&V will						
4.00	1/31/2020	Due to the project not	There have been several defects	A complete up to date and	IVV recommends documenting	·	Release/Denloyment	Iccup	Medium	Closed	Darren	Key finding has
4.00	1/31/2020	Due to the project not	There have been several defects	A complete, up to date, and	IVV recommends documenting	12/31/2020 - IV&V has closed this issue as	Release/Deployment	Issue	Medium	Closed	Darren Macdonald	Key finding has
4.00	1/31/2020	following a detailed	pushed to production with Phase 3	documented deployment script is	deployment scripts for both the	12/31/2020 - IV&V has closed this issue as the related recommendations below has	Release/Deployment	Issue	Medium	Closed	Darren Macdonald	been addressed
4.00	1/31/2020	following a detailed deployment script, the	pushed to production with Phase 3 releases. Some of the defects	documented deployment script is needed to ensure the repeatability and	deployment scripts for both the patch method and the full	12/31/2020 - IV&V has closed this issue as the related recommendations below has been completed. A subsequent medium	Release/Deployment	Issue	Medium	Closed		been addressed and proposed
4.00	1/31/2020	following a detailed deployment script, the project may continue to	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	deployment scripts for both the patch method and the full solution upgrade method. The	12/31/2020 - IV&V has closed this issue as the related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to	Release/Deployment	Issue	Medium	Closed		been addressed and proposed IV&V
4.00	1/31/2020	following a detailed deployment script, the project may continue to experience defects related to	pushed to production with Phase 3 releases. Some of the defects introduced to production have been narrowed down to environmental	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	12/31/2020 - IV&V has closed this issue as the related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and	Release/Deployment	Issue	Medium	Closed		been addressed and proposed IV&V recommendations
4.00	1/31/2020	following a detailed deployment script, the project may continue to	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	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	12/31/2020 - IV&V has closed this issue as the 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/Deployment	Issue	Medium	Closed		been addressed and proposed IV&V recommendations have been
4.00	1/31/2020	following a detailed deployment script, the project may continue to experience defects related to	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	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	12/31/2020 - IV&V has closed this issue as the 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	Release/Deployment	Issue	Medium	Closed		been addressed and proposed IV&V recommendations have been completed. A
4.00	1/31/2020	following a detailed deployment script, the project may continue to experience defects related to	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	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	12/31/2020 - IV&V has closed this issue as the 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	Release/Deployment	Issue	Medium	Closed		been addressed and proposed IV&V recommendations have been completed. A subsequent finding
4.00	1/31/2020	following a detailed deployment script, the project may continue to experience defects related to	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	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	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	12/31/2020 - IV&V has closed this issue as the 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	Release/Deployment	Issue	Medium	Closed		been addressed and proposed IV&V recommendations have been completed. A subsequent finding #19 has been
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4.00	1/31/2020	following a detailed deployment script, the project may continue to experience defects related to	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 place.	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	12/31/2020 - IV&V has closed this issue as the 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	Release/Deployment I	Issue	Medium	Closed		been addressed and proposed IV&V recommendations have been completed. A subsequent finding #19 has been created to address on-going deployment processes and
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4.00	1/31/2020	following a detailed deployment script, the project may continue to experience defects related to	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 complete, up to date, and documented deployment script, or deployment notes, are being utilized by BHA for deployment	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 place.	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 processes and	12/31/2020 - IV&V has closed this issue as the 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	Release/Deployment	Issue	Medium	Closed		been addressed and proposed IV&V recommendations have been completed. A subsequent finding #19 has been created to address on-going deployment processes and technical
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4.00	1/31/2020	following a detailed deployment script, the project may continue to experience defects related to	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 complete, up to date, and documented deployment script, or deployment notes, are being utilized by BHA for deployment	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 place.	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 processes and	12/31/2020 - IV&V has closed this issue as the 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.	Release/Deployment I	Issue	Medium	Closed		been addressed and proposed IV&V recommendations have been completed. A subsequent finding #19 has been created to address on-going deployment processes and technical

5.0		the project's ability to fully achieve the goals of Phase 3.	BHA does not have a documented 'Definition of Done' (DOD) for the BHA Top 100 User Stories of for Phase 3. Because of this, it is unclear how proposed functionality/features are prioritized for each sprint, and throughout Phase 3.	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.	Definition of Done. IV&V recommends that the project create this document and socialize this with project team before end of Feb 2020IV&V recommends that the project consider the items from the prioritized list, available resources and define "Done" as a percentage of the identified priority list with room for flexibility to add any other features/enhancements that will be identified during Phase 3.	02/29/2020 - The project created and documented the Phase 3 Definition of Done and socialized it in February. IV&V recommends the project continually review and update the Definition of Done, adjusting as/if necessary. IV&V will continue to monitor the project's adherence to Definition of Done and progress against it but is closing out this concern as of the February report.	Project Management		N/A		Definition of Done completed and socialized.
6.0.	00 11	The lack of consistent backlog grooming could result in the project backlog having obsolete, non-estimated, and poorly defined user stories.	The backlog of defects, requests, and user stories continues to grow. Currently, there are approximately 429 defects and requests, of which almost 200 have a status of 'New'. IVV notes that a large percentage of the backlogged work items do not have user story points estimated. Many of the items listed in the backlog are old, and some may have had needs or requirements change over time or may now be obsolete. IV&V notes that DDD and CAMHD have initiated this effort and agreed to prioritize grooming the backlog by the end of February.	development. If a backlog is carrying work items that may not ever be completed for any reason, they should be removed from the backlog to ensure its viability.	and DDD groom the backlog to bring it as current and accurate as possible. This should include deprecating items no longer needed, and fully defining those items that are not yet fully defined, readying them for configuration or developer resources. To the extent feasible, BHA should involve RSM SMEs in this process, if only for the interim to get "caught up" on grooming efforts. (Closed)VV recommends that the project consider utilizing an age-based methodology for the deprecation of 'older' user stories in the backlog that may no longer be applicable or needed by the Product Owners and developing a process for	06/30/2020 - IV&V has observed for another month that the project continues to groom the backlog. As a result, we are closing this finding.05/31/2020 - The project team has determined the backlog grooming effort has caught up, as details for release 3.9 are completed and 3.10 is near completion. IV&V will keep this finding open for an additional month to validate that the backlog continues to be groomed as new stories and defects are identified. Efforts to keep the backlog groomed should take place each month so that release planning efforts are not delayed. 04/30/2020 - The project reported that 97% of the original backlog has been estimated at this time. That said, CAMHD has determined that there are several older, and possibly no longer necessary user stories in the backlog that are candidates for deletion. IV&V will keep this finding open and will re-assess it for impact during the month of May.03/31/2020 - IV&V validates that the backlog grooming effort has made great progress, however it is still in progress. The revised target date for completion was most recently 3/31/2020. The estimation effort	Project Management	Risk	Low	Closed	The project has demonstrated they are consistently grooming the backlog.

7.00	1/31	1/2020	The BHA Technical Team	The BHA Technical Team plays a	The BHA Technical Team leads the	BHA needs, and should pursue,	06/30/2022 - Although BHA leadership	Sprint Planning	Issue	High	Open	Darren	
	1,33	•	bandwidth may not be	role that is critical to project		additional Knowledge Transfer	continued to meet during June to address				•	Macdonald	
			adequate to meet the needs	success. Currently, the	project. As such, the Team's time is both		the Project's resource shortages and					Macaonala	
			of the project, which could	•	'	Calculator 3.0 solution	develop a mitigation plan to address this						
				BHA Technical Team have expanded		The Project should investigate	issue, no measurable progress was attained.						
				beyond their collective available	bandwidth, the project could experience		It was announced that a critical RSM						
				bandwidth. IV&V notes that BHA		~	resource will transition off the project in July						
				began addressing this bandwidth	•	Team, either by adding	and will be replaced by another consultant.						
						, ,	This is expected to add to the impacts of this						
				collaboration with key RSM		vendor contracts.	critical issue. IV&V will continue to monitor						
				resources, and are working to	, , , ,	The Project should assess,	this high criticality issue.						
				potentially change the structure of	definition of done.	where possible, if there are	05/31/2022 - BHA leadership continued to						
				the Technical Team.		responsibilities of the BHA	meet during May to address the Project's						
						Technical Team that can be	resource shortages and develop a mitigation						
						reassigned to other project	plan to address this issue. In the meantime,						
						staff.	a technical resource from RSM who						
						The Project should evaluate	previously supported the DDI work has						
						where process inefficiencies can	rejoined the project to further help mitigate						
						be addressed and streamlined	this issue.						
						to possibly free up the BHA	The project is looking into alternative						
						Technical Team's availability.	release deployment approaches to help						
						The Project should consider the	address the resource constraints on the						
						formation of a first level	deployment team. In addition, helpdesk						
						resource team to triage/address	team member(s) continue to shadow the						
						production defects in a timely	deployment team resources to provide						
						manner, without disrupting new	support for future promotional activities.						
						development work.	IV&V will continue to monitor this high						
8.00	1/31	1/2020	The lack of a Product	BHA does not have a single,	A Roadmap is a tool that guides an agile	IV&V understands that the	02/29/2020 - In February, the project	Project Management	Preliminary Concern	N/A	Closed	Ramesh, I	Product Roadmap
			Roadmap that provides	definitive Product Roadmap for	project on what functionalities/features	Project is in the process of	further defined the Phase 3 Product		•			Vijaya (PCG)	aligned with
			direction on the top product	Phase 3 that addresses the	are targeted to be built and released	creating a Short Term; Mid	Roadmap and aligned it with the Phase 3						Definition of Done
			features to be delivered in	functionalities, features, and / or	and when users can have access to	Term, and Long Term Roadmap.	Definition of Done. IV&V recommends the						
			the near term (next 3	enhancements to be built in order	these functionalities. Without a defined	IV&V recommends the Project	project continually review and update both						
			months), midterm, and long	to fully address BHA's business	Roadmap the project may not be able to	complete this by the end of	the Product Roadmap and Definition of						
			term could have an adverse	needs. IV&V met with RSM and BHA	effectively scope the top features to be	February 2020 to understand if	Done, adjusting as necessary. IV&V will						
			impact on the Project's scope	on this topic in January, and notes	released within Phase 3 and ensure the	there are any constraints	continue to monitor the project's adherence						
			and schedule.	that the project is actively working	correct resources are available to	(resources, budget) that may	to the Product Roadmap and progress						
				to address this concern.	accomplish the goal of each sprint and	hinder the project from	against it but is closing out this concern as of						
					the Phase.	releasing the needed	the February report.						
						functionalities/features targeted							
						for Phase 3 as documented in							
						the Definition of Done.							

9.00	3/31/2020	The COVID-19 pandemic and	On 3/23/2020, the Governor issued	DOH stakeholder participation in key	- IV&V recommends BHA to	04/30/2021 - The Project continues to	Project Management	Risk	Low	Closed	Darren	The Project
9.00		The COVID-19 pandemic and the related "stay at home" order could hinder project activities and negatively impact the project schedule and budget.		may be unable (due to stricter shutdown policies) or unwilling to perform these activities during this chaotic time. Planned SI on-site visits will also likely be changed to remote which could reduce the effectiveness of their project activities. Going forward most if not all project activities will more	and assist stakeholders on remote work devices and tools and make every effort to help them to become highly functional with remote access technology (e.g. MSTeams/Skype) - Completed-IV&V recommends the project and DOH create a detailed, documented risk mitigation strategy and plan that is reviewed regularly and revised to address the current state of the COVID-19 threat and related impacts over the next 6 to 12 months - In Progress - IV&V recommends updates to the OCM Plan to include any new activities or updates to planned	04/30/2021 - The Project continues to maintain its ability to operate with staff working remotely, effectively overcoming the "stay at home, work from home order" that reduced BHA's ability to be fully functional in the office. The potential DDD and CAMHD budget challenges reported in March were also overcome during April, providing fiscal relief to BHA. As such, IV&V is closing this finding.03/31/2021 - The Project continued to maintain its ability to operate with staff working remotely, while COVID-related responsibilities continue to grow for CAMHD Leadership. The Governor announced that potential furloughs and/or layoffs of State workers will no longer be necessary based on the signing of the American Rescue Plan. IV&V has reduced the priority of this finding from Medium to Low and will continue to monitor moving forward. 02/28/2021 - As reported in January, there were no substantive changes observed for this finding in February. The Project continued to maintain its ability to operate with staff working remotely. IV&V continues to note that there may be potential future budget actions by the	Project Management	Risk	Low	Closed		The Project continues to maintain its ability to operate with staff working remotely, effectively overcoming the "stay at home, work from home order" that reduced BHA's ability to be fully functional in the office. The potential DDD and CAMHD budget challenges reported in March were also overcome during April, providing fiscal relief to BHA.
10.00		The lack of design reviews for complex user stories has resulted in the promotion of incomplete solutions into production.	There were a couple incidents during May where the code promoted to production did not fully meet all requirements of associated user stories for CAMHD Progress Notes. The components that were developed and implemented were functional, however the effort was complicated by additional requirements being added during development that necessitated additional changes to the design. IV&V will continue to monitor the design review activity for large user stories moving forward	If all requirements within a functional design are not met, users could experience the inability to complete required processes, resulting in incomplete data collection and potential issues in service delivery.	IV&V recommends (and DOH has commenced) conducting technical design reviews for complex user stories prior to development to ensure designs are complete and all requirements associated with the design are met. IV&V observed this activity has been implemented by DOH in the month of May.	07/31/2020 - The Project continues to to spend additional time on the designs of complex user stories during June to ensure requirements and user story components were fully captured in design sessions. This process change has proven successful, and as such, IV&V recommends closing this concern.06/30/2020 - IV&V acknowledges the Project Team continued to spend additional time on the designs of complex user stories during June to ensure requirements and user story components were fully captured in design sessions. IV&V will continue to monitor in July.		Preliminary Concern	N/A	Closed		This process change to spend extra time on the design of complex user stories to ensure that all requirements are represented has proven to be successful.

11.00	7/31/2020	DDD Project resource	The user adoption and training	The significance and impact of OCM can	IV&V recommends that RHA	03/31/2021 - The DDD staff who've been	Project Management	Risk	N/A	Closed	Darren	The DDD staff
11.00	7/31/2020	shortages may have a	efforts are hampered based on	never be understated. It is clearly a best		part of the review process are pleased with	i roject wanagement	Nisk	IV/A		Macdonald	who've been part
		continued negative effect on	staffing shortages. DDD has stated	practice that best that all staff utilize the	· ·	the quality of the videos produced within					iviacuoriaiu	of the review
		user adoption, training, and	that its users have been found to	solution in the same manner. Variations	· ·	the toolset and have determined that the						process are
		overall OCM activities.	not be utilizing the system to its		training. This includes	toolset is a very helpful training tool for DDD						pleased with the
		over all oom activities.	fullest extent in terms of system		procurement of the online	staff and providers. As such, IV&V is closing						quality of the
					training toolsets to offset the	this finding.02/28/2021 - Training videos						videos produced
			input, follow up, etc. To assist in	the data collected.	need for in-person training, and	using the new toolset were nearing						within the toolset,
			OCM activities, DDD has defined the		adding staff as needed to	completion by the end of February. DOH is						and have
			need for an interactive training tool		support OCM and technical	currently reviewing the drafts of the second						determined that
			to support Inspire.		efforts. IV&V recommends DOH	set of videos and work is progressing well.						the toolset is a
					perform a detailed investigation	IV&V will continue to monitor this finding						very helpful
					of the specific variations as to	until DDD has had sufficient time to						training tool for
					how the system is currently	determine the overall quality of the training						DDD staff and
					being used by the user	work products and whether the new toolset						providers.
						is addressing user adoption and staffing						
					would be provided with	shortages for these task efforts. 01/31/2021						
					constructive feedback on how	Training design activities using the						
					the system should be utilized	interactive training toolset commenced in						
					where gaps exist. This will likely	January and has attained good progress. The						
					lead to additional refresher	use of this tool is expected to provide some						
					training to close identified	bandwidth relief for DDD staff members						
					system knowledge gaps.	responsible for onboarding new staff						
						members and providers, and to provide						
						refresher training to existing staff members.						
						IV&V will continue to monitor this						
						finding12/31/2020 - The contract to procure						
12.00	8/31/2020	PII/PHI data in non-	IV&V has been made aware that	Failure to secure PII/PHI data leaves the	IV&V recommends DOH	07/31/2022 - As reported in previous	Project Management	Issue	Medium	Open	Darren	
		production environments	PII/PHI data currently exist in a non-	organization open to highly targeted	consider limiting the volume of	months, there were no substantive changes					Macdonald	
			production environment to meet	social engineering attacks, heavy	environments with PII/PHI data	to this finding identified during July. The						
			project needs. Generally this is not	regulatory fines, and loss of client trust	and access necessary to support	Security Assessment will commence after						
			a good security practice as the	and loyalty.	development work, which	the associated contracts are executed and it						
			presence of PII/PHI data in non-		should help minimize this risk.	is unclear when this will occur. BHA plans to						
			production environments increases		IV&V recommends if production	work with RSM to seek proposed solutions						
			the potential for theft, loss or		data is necessary in any non-	used on other projects for managing the						
			exposure thus increasing the		production environment that	PII/PHI data in non-production						
			organization's risk. Failure to secure		DOH establishes a plan for	environments. IV&V will continue to monitor						
			PII/PHI data leaves the organization		effectively managing the	this medium criticality issue.						
			open to highly targeted social		security of the PII/PHI data,	06/30/2022 - There were no substantive						
			engineering attacks, heavy		including the potential masking	changes to this finding identified during						
			regulatory fines, and loss of client		of data.	June. The Security Assessment will						
			trust and loyalty.		IV&V recommends that DOH	commence after the associated contracts						
					mitigates this finding by	are executed, which is anticipated to be		1				
					minimizing and/or masking	sometime in July. BHA continues to actively		1				
					PHI/PII data in designated non-	discuss various options for addressing this		1				
					production environments.	issue and is conferring with RSM for						
						proposed solutions for managing the PII/PHI		1				
						data in non-production environments. IV&V						
						will continue to monitor this medium		1				
	i					criticality issue.						
1								•				
1						05/31/2022 - There were no substantive						
						changes to this finding identified during						

13.00 8/31/2020 Project not able to access The Project recently deployed audit The unavailability of activity logs may IV&V recommends that DHS 03/31/2021 - Per BHA, this finding is no Release/Deployment Risk	N/A	Closed Da	arren F	inding has been
Activity Logs log functionality into production hamper the investigation of future continues to collaborate with longer an issue and recommends closure.	IV/A			esolved.
whereby these logs can be accessed security breaches. Microsoft until the activity IV&V is closing this finding.02/28/2021 -		IVI	lacuonalu	esoiveu.
and exported as needed. However, logging feature is available in all lBHA continued this effort in February				
IV&V was made aware access to BHA non-production despite a workaround being necessary from				
activity logging for users with just environments. Microsoft due to a layering issue. Based on				
view permissions will not be continued delays, it is unclear when this				
available from Microsoft in the important security activity will be				
public sector environment until the completed. IV&V will continue to monitor				
end of September 2020. The this finding. (Per Kamu, this status				
unavailability of these specific information did not correctly reflect the				
activity logs could potentially issue as the layering issue has no relation to				
hamper the investigation of future the activity logs.)01/31/2021 - The				
security events until implemented. limplementation effort for this activity				
moved forward in January. Some of the				
entities will have activity logging completed				
in the planned early February Release 3.12,				
while others will be delayed until Release				
3.13. IVV will continue to monitor.				
12/31/2020 - The planning effort for				
identifying the entities that will require				
activation of the new activity logs was				
completed during December. The				
implementation effort has been prioritized				
for inclusion in Release 3.12. IV&V will				
continue to monitor this finding until				
implemented. 11/30/2020 - The DOH				
14.00 9/30/2020 Due to multiple quality System defects identified in August The identified quality issues have Evaluate existing project staff 07/31/2022 - As with the previous release, Project Management Issue	Medium	Open Da	arren	
concerns, the project may that affected claims were due to negatively affected DOH billing skills and experience level to the Project encountered quality issues as			lacdonald	
continue to face impactful multi-faceted quality issues were processes and DOH has stated these are ensure they meet BHA support five (5) post-production defects were				
system defects. Individually addressed during this the most impactful defects discovered requirements. Identified for R3.25 which was deployed on				
reporting period. IV&V notes that to date. Perform revenue neutrality 7/21/2022. A formal Root Case Analysis				
there is one remaining defect still fiscal balance testing on a (RCA) is planned for the first week in August				
being evaluated that affects a quarterly basis to ensure and it remains uncertain if coding,				
limited number of claims. Overall, revenues are as expected. deployment, or other quality issues were the				
the Project Team has responded Assign dedicated resources to potential cause for these defects. To address				
with a commitment to increase provide oversight of CAMHD these defects, two of the critical items was				
project quality and is in the process Fiscal Processes. deployed in a Mid Sprint Deployment on				
of identifying improvements to Monitor implemented 7/26/2022 and another critical item is				
associated testing processes. These improvements for effectiveness. planned for a second Mid Sprint				
currently include:Performing IV&V recommends performing Deployment in early August. IV&V will				
Revenue Neutrality Testing to an RCA in collaboration with continue to monitor this medium criticality		l l		
ensure expected revenue streams RSM after all future release finding.				
are largely unchanged from one deployments for continual 06/30/2022 - The project continues to				
period to the next. Conducting quality improvement. struggle with quality issues as demonstrated				
System Integration Testing, User BHA and RSM to collaborate on with the R3.24 production deployment on				
System Integration Testing, User Acceptance Testing, Performance Testing, and Regression Testing for Acceptance Testing of Testing for BHA and RSM to collaborate on the necessary revisions to the submitted design deliverables to attributed to deployment activities and				
System Integration Testing, User Acceptance Testing, Performance BHA and RSM to collaborate on the necessary revisions to the 6/9/2022. There were four critical issues				
System Integration Testing, User Acceptance Testing, Performance Testing, and Regression Testing for Release 3.10. IV&V will continue to monitor the testing efforts BHA and RSM to collaborate on the necessary revisions to the submitted design deliverables to increase level of detail and quality. with the R3.24 production deployment on 6/9/2022. There were four critical issues attributed to deployment activities and other issues related to gaps in testing necessary data updates. The data issue				
System Integration Testing, User Acceptance Testing, Performance Testing, and Regression Testing for Release 3.10. IV&V will continue to BHA and RSM to collaborate on the necessary revisions to the submitted design deliverables to increase level of detail and other issues related to gaps in testing				
System Integration Testing, User Acceptance Testing, Performance Testing, and Regression Testing for Release 3.10. IV&V will continue to monitor the testing efforts throughout the balance of Release 3.10 and validate that enhanced BHA and RSM to collaborate on the necessary revisions to the submitted design deliverables to increase level of detail and quality. Perform typical project testing including System Integration, With the R3.24 production deployment on 6/9/2022. There were four critical issues attributed to deployment activities and other issues related to gaps in testing necessary data updates. The data issue caused hours of rework, followed by many hours of re-deployment of data updates.				
System Integration Testing, User Acceptance Testing, Performance Testing, and Regression Testing for Release 3.10. IV&V will continue to monitor the testing efforts throughout the balance of Release BHA and RSM to collaborate on the necessary revisions to the submitted design deliverables to increase level of detail and quality. Perform typical project testing with the R3.24 production deployment on 6/9/2022. There were four critical issues attributed to deployment activities and other issues related to gaps in testing necessary data updates. The data issue caused hours of rework, followed by many				

15.00 10/5	5/2020	Usage of Semantics and IDM	The project noted its intent to	Default	Default	01/31/2021 - The project has made great	Targeted KT	Preliminary Concern	N/A	Closed	Darren	The project has
13.00 10/3	-	~	obtain more targeted knowledge	Berault	Belaute	strides addressing this concern. A Semantics	Turgeted Ki	Tremimary concern	14/71			made good
		maintenance of the system	transfer of both the Semantics			Layer KT session was conducted on 1/29/21						progress
		requires BHA to take a	Reporting and IDM tools. IV&V will			and multiple IDM and Semantic Layer						establishing and
		proactive approach to	continue to monitor this concern.			sessions has been scheduled in February.						initial execution of
		support of these tools.	continue to monitor this concern.			IV&V is closing this finding as we no longer						the IDM and
		support of these tools.				view this item as a concern.12/31/2020 -						Semantics Layer KT
						IV&V is aware that an overview of the						plan.
												piaii.
						Semantics Layer KT session was held on						
						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						
16.00 10/2	27/2020	The bandwidth of CAMHD	CAMHD has been provided with an	CAMDH Leadership participation in key	IV&V recommends CAMHD look	06/30/2021 - As anticipated, the CAMHD	Project Management	Risk	N/A	Closed	Darren	CAMHD
16.00 10/2	27/2020		CAMHD has been provided with an approval to commence planning	CAMDH Leadership participation in key activities could be significantly hindered			Project Management	Risk	N/A		Darren Macdonald	CAMHD Leadership time
16.00 10/2			approval to commence planning	activities could be significantly hindered		06/30/2021 - As anticipated, the CAMHD	Project Management	Risk	N/A		Macdonald	
16.00 10/2		Leadership is being hampered by planning tasks and	approval to commence planning	activities could be significantly hindered by the flood of activities that could	for opportunities to augment	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has	Project Management	Risk	N/A		Macdonald	Leadership time
16.00 10/2		Leadership is being hampered by planning tasks and	approval to commence planning efforts for expansion of the project	activities could be significantly hindered by the flood of activities that could	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH.	activities could be significantly hindered by the flood of activities that could occur as the department assesses	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding.	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - As anticipated, CAMHD	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - As anticipated, CAMHD Leadership time spent on efforts outside of the Inspire Project reduced during May. This	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - As anticipated, CAMHD Leadership time spent on efforts outside of	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, I/\&V is closing this finding. 05/31/2021 - 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	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - 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	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - 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	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - 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	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - 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	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - 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.04/30/2021 - CAMHD Leadership	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - 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.04/30/2021 - CAMHD Leadership time spent on efforts outside of the INSPIRE	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - 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.04/30/2021 - CAMHD Leadership time spent on efforts outside of the INSPIRE Project continued to increase during early	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - 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.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	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - 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.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	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - 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.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	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - 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.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	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - 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.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	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - 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.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	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - 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.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	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - 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.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	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - 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.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 Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to
16.00 10/2		Leadership is being hampered by planning tasks and activities for assessing project	approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this project to the balance	for opportunities to augment the management staffing for planning Phase 4 and M&O	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As such, IV&V is closing this finding. 05/31/2021 - 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.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	Project Management	Risk	N/A		Macdonald	Leadership time dedicated to the project has returned to

17.00	11/30/2020	Due to consistent technical	The IDM and Companie layer offerts	Default	IV/2.V recommends the project	08/31/2021 -The number of issues requiring	Palassa/Danlaymant	Issue	N/A	Closed	Darren	The volume of
	11/30/2020		,		IV&V recommends the project	, ,	Release/Deployment	issue	N/A	Closed		
		issues requiring escalation to	have experienced several delays		to continue to monitor the	assistance from Microsoft continues to					Macdonald	interactions
		Microsoft, some project	attributable to issues escalated to		status of outstanding Microsoft	remain limited, and as such, IV&V is closing						needed with
		efforts are being delayed.	Microsoft. The issues have ranged		tickets and to escalate the	this finding. 07/31/2021 - While the number						Microsoft remains
			from administrative /		priority of these tickets as	of issues requiring assistance from Microsoft						low and
			communication (entering issues		deemed necessary.	remains limited, interactions with Microsoft						manageable. This
			into the Commercial support			are increasing again due to the interface						condition is no
			instance vs the Government Cloud			functionality planned for implementation in						longer impeding
			support instance), to several key			the current and remaining DD&I releases.						project progress.
			technical issues requiring assistance			The FHIR API interface has required multiple						
			to resolve. To date, these support			interactions with Microsoft that have						
			needs have added over a month to			resulted in unplanned schedule slippages for						
			the IDM and Semantic Layer project			the FHIR API implementation. IV&V will						
			schedules.			continue to monitor this finding. 06/30/2021						
						- The number of issues requiring assistance						
						from Microsoft continues to be low with						
						only two known items open. As such, IV&V						
						is reducing the priority of this finding to low						
						and will continue to monitor.05/31/2021 -						
						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.						
						04/30/2021 - BHA continues to work with						
						Microsoft on technical issues as they arise in						
						the Government Community Cloud (GCC)						
18.00	12/31/2020	Due to on-going deployment	There have been several defects	Repeatable documented release and	Ensure there are adequate and	07/31/2022 - R3.25 was promoted to	Release/Deployment	Issue	High	Open	Darren	
		processes and technical	pushed to production with Phase 3	· ·	qualified resources to support	production on 7/21/2022 and five (5) post-			Ü		Macdonald	
		l'	pushed to production with Phase 3 releases. Some of the defects	deployment will help ensure that	qualified resources to support	production on 7/21/2022 and five (5) post-			Ü			
		processes and technical execution issues, the Project may continue to encounter	1.	deployment will help ensure that mistakes are minimized, and that	· ·	•	, , ,		5	·		
		execution issues, the Project	releases. Some of the defects	deployment will help ensure that mistakes are minimized, and that functionality is not mistakenly	qualified resources to support the current deployment	production on 7/21/2022 and five (5) post- production defects were identified. A formal	, , ,		Ü			
		execution issues, the Project may continue to encounter defects and challenges in	releases. Some of the defects introduced to production have been narrowed down to environmental	deployment will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments take	qualified resources to support the current deployment processes. This may require the support from RSM resources to	production on 7/21/2022 and five (5) post- production defects were identified. A formal Root Case Analysis (RCA) is planned for the first week in August. It is suspected that	, , ,		0	·		
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19.00	3/28/2021	expiration will require BHA to perform transition of the D365 solution to the State prior to contract end.	The RSM contract for Phase 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 supporting and maintaining the D365 solution without vendor support until at least the Phase 4 expansion effort is procured and initiated. The Phase 4 effort is currently expected to commence late in the 4th quarter of 2021, or early in the first quarter of 2022. The Phase 4 procurement scope is planned to include additional DD&I activities, as well as M&O support activities.	DOH needs to be in a position to completely stand on its own without the assistance of vendor support by fall of 2021. If DOH is not in a position to solely take on the development of user stories, testing, regression testing, deployment, and the support and maintenance of the entire system, there is a risk that environment stability may be challenged.	ensure 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	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	Preliminary Concern	N/A	Closed	The RSM amendments were fully executed in May 2021.
20.00	4/30/2021	be on leave and unavailable to the project starting in May.		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.	1) IV&V recommends DDD to continue to look for opportunities to augment the existing technical staff in order to fully support current DDI project work.2) IV&V recommends DDD to consider augmenting their current PM/Business staff in order to allow their technical staff to focus on technical duties.	08/31/2021 - The DDD Project Manager returned from her absence, alleviating the DDD technical staff bandwidth/workload challenges. IV&V is closing this finding.07/31/2021 - The DDD technical staff continued to face bandwidth/workload challenges during the month of July. Fortunately, the DDD Project Manager is scheduled to return to work on 8/2/2021 allowing the technical staff to return fully to their technical responsibilities.06/30/2021 - The absence of the DDD Project Manager continues to cause bandwidth/workload challenges for DDD technical staff. Time available for typical DDD CRM assignments was limited in June due to this resource constraint. IV&V has promoted this finding from a Preliminary Concern to a Medium criticality issue and will continue to monitor. 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	Issue	N/A	Closed	The DDD Project Manager has returned from her leave, fully mitigating this issue.

21.00	6/30/2021	Unplanned rework may have	The continued volume of unplanned	Release defect metrics for unplanned	Reduce the amount of	07/31/2022 - R3.25 was deployed on	Project Management	Issue	Medium	Open	Darren	
22.00	0,50,2021	an impact on delivering DDI	rework may have an impact on	rework has been 30-40% of the total		07/21/2022 and the associated defect	i rojece management	15540	cu.u	•	Macdonald	
		Functionality by the end of	delivering planned DDI functionality			percentage significantly improved from					acac.iaia	
		the DDI period.	with only 4 possible DDI releases	osi s ioi tile last iew releases.	measures.	previous releases. The percentage dropped						
			remaining for completion.		Strive for defect performance	to 15%, well within the target of 20%. IV&V						
					metric not to exceed 20% of all	will continue to monitor this medium						
					user story points in any given	criticality finding.						
					release.	06/30/2022 - The defect percentages for						
						R3.24 were improved in June; however, the						
						numbers are still out of bounds for the						
						target of less than 20% of all User Story						
						Points. R3.24 had an estimated velocity of						
						fifty-nine (59) USPs and a total of seventy-						
						seven (77) USPs were promoted to						
						production. Thirty-two-point-five (32.5)% of						
						all USPs in R3.24 were attributable to						
						defects, while sixty-seven-point-five (67.5)%						
						of the total USPs were associated with						
						planned user stories and requests. The						
						project continues to put forth efforts to						
						identify and implement measures (reference						
						May findings for details) that will result in						
						decreases to defect percentages. IV&V will						
						continue to monitor this medium criticality						
						finding.						
						05/31/2022 - The defect percentage (43%)						
						in May was one of the highest for all						
						in May was one of the nighest for all						
22.00	7/30/2021	The project schedules for 'big		Weekly RSM Status Report	Extend the current DDI	07/31/2022 - 'Big Boulder' prioritized	Project Management	Issue	High		Darren	
22.00	7/30/2021	boulder' interface	interface are currently at risk of not	Weekly RSM Status Report	timeframe to allow for the	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation	Project Management	Issue	High		Darren Macdonald	
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release.	Weekly RSM Status Report	timeframe to allow for the completion of 'big boulder'	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of		timeframe to allow for the completion of 'big boulder' interfaces functionality	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently		timeframe to allow for the completion of 'big boulder' interfaces functionality development.	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates for the planned R3.17 release. The		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates for the planned R3.17 release. The Project will need to re-assess the		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable and ready for project team consumption.	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates for the planned R3.17 release. The Project will need to re-assess the planned implementation dates for		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable and ready for project team consumption. This should assist the project with finalizing	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates for the planned R3.17 release. The Project will need to re-assess the planned implementation dates for these 'big boulder' interfaces,		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable and ready for project team consumption. This should assist the project with finalizing the "Big Boulder" features/functionality	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates for the planned R3.17 release. The Project will need to re-assess the planned implementation dates for these 'big boulder' interfaces, including identification of the timing		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable and ready for project team consumption. This should assist the project with finalizing the "Big Boulder" features/functionality implementation schedules.	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates for the planned R3.17 release. The Project will need to re-assess the planned implementation dates for these 'big boulder' interfaces, including identification of the timing needs by the business teams. At a		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable and ready for project team consumption. This should assist the project with finalizing the "Big Boulder" features/functionality implementation schedules. As a result of the frequent changes to the	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates for the planned R3.17 release. The Project will need to re-assess the planned implementation dates for these 'big boulder' interfaces, including identification of the timing needs by the business teams. At a minimum, the CAFAS and HHIE		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable and ready for project team consumption. This should assist the project with finalizing the "Big Boulder" features/functionality implementation schedules. As a result of the frequent changes to the Project's updated draft Feature Roadmap,	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates for the planned R3.17 release. The Project will need to re-assess the planned implementation dates for these 'big boulder' interfaces, including identification of the timing needs by the business teams. At a minimum, the CAFAS and HHIE interfaces are needed by the		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable and ready for project team consumption. This should assist the project with finalizing the "Big Boulder" features/functionality implementation schedules. As a result of the frequent changes to the Project's updated draft Feature Roadmap, the corresponding implementation	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates for the planned R3.17 release. The Project will need to re-assess the planned implementation dates for these 'big boulder' interfaces, including identification of the timing needs by the business teams. At a minimum, the CAFAS and HHIE interfaces are needed by the program. IV&V also notes that there		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable and ready for project team consumption. This should assist the project with finalizing the "Big Boulder" features/functionality implementation schedules. As a result of the frequent changes to the Project's updated draft Feature Roadmap, the corresponding implementation schedules have been volatile and delivery	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates for the planned R3.17 release. The Project will need to re-assess the planned implementation dates for these 'big boulder' interfaces, including identification of the timing needs by the business teams. At a minimum, the CAFAS and HHIE interfaces are needed by the		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable and ready for project team consumption. This should assist the project with finalizing the "Big Boulder" features/functionality implementation schedules. As a result of the frequent changes to the Project's updated draft Feature Roadmap, the corresponding implementation	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates for the planned R3.17 release. The Project will need to re-assess the planned implementation dates for these 'big boulder' interfaces, including identification of the timing needs by the business teams. At a minimum, the CAFAS and HHIE interfaces are needed by the program. IV&V also notes that there are several new high priority requests related to the DDD		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable and ready for project team consumption. This should assist the project with finalizing the "Big Boulder" features/functionality implementation schedules. As a result of the frequent changes to the Project's updated draft Feature Roadmap, the corresponding implementation schedules have been volatile and delivery prior to the end of the DDI period is at risk. As mitigation, the Project planned to submit	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates for the planned R3.17 release. The Project will need to re-assess the planned implementation dates for these 'big boulder' interfaces, including identification of the timing needs by the business teams. At a minimum, the CAFAS and HHIE interfaces are needed by the program. IV&V also notes that there are several new high priority requests related to the DDD Provider Portal and 27 production		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable and ready for project team consumption. This should assist the project with finalizing the "Big Boulder" features/functionality implementation schedules. As a result of the frequent changes to the Project's updated draft Feature Roadmap, the corresponding implementation schedules have been volatile and delivery prior to the end of the DDI period is at risk. As mitigation, the Project planned to submit another IAPDU in July to move the DD&I	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates for the planned R3.17 release. The Project will need to re-assess the planned implementation dates for these 'big boulder' interfaces, including identification of the timing needs by the business teams. At a minimum, the CAFAS and HHIE interfaces are needed by the program. IV&V also notes that there are several new high priority requests related to the DDD		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable and ready for project team consumption. This should assist the project with finalizing the "Big Boulder" features/functionality implementation schedules. As a result of the frequent changes to the Project's updated draft Feature Roadmap, the corresponding implementation schedules have been volatile and delivery prior to the end of the DDI period is at risk. As mitigation, the Project planned to submit	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates for the planned R3.17 release. The Project will need to re-assess the planned implementation dates for these 'big boulder' interfaces, including identification of the timing needs by the business teams. At a minimum, the CAFAS and HHIE interfaces are needed by the program. IV&V also notes that there are several new high priority requests related to the DDD Provider Portal and 27 production flow jobs that need to be reviewed		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable and ready for project team consumption. This should assist the project with finalizing the "Big Boulder" features/functionality implementation schedules. As a result of the frequent changes to the Project's updated draft Feature Roadmap, the corresponding implementation schedules have been volatile and delivery prior to the end of the DDI period is at risk. As mitigation, the Project planned to submit another IAPDU in July to move the DD&I period out to May 2023, however that date	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates for the planned R3.17 release. The Project will need to re-assess the planned implementation dates for these 'big boulder' interfaces, including identification of the timing needs by the business teams. At a minimum, the CAFAS and HHIE interfaces are needed by the program. IV&V also notes that there are several new high priority requests related to the DDD Provider Portal and 27 production flow jobs that need to be reviewed for replacement of older dataverse		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable and ready for project team consumption. This should assist the project with finalizing the "Big Boulder" features/functionality implementation schedules. As a result of the frequent changes to the Project's updated draft Feature Roadmap, the corresponding implementation schedules have been volatile and delivery prior to the end of the DDI period is at risk. As mitigation, the Project planned to submit another IAPDU in July to move the DD&I period out to May 2023, however that date was not achieved. It is now anticipated to be	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates for the planned R3.17 release. The Project will need to re-assess the planned implementation dates for these 'big boulder' interfaces, including identification of the timing needs by the business teams. At a minimum, the CAFAS and HHIE interfaces are needed by the program. IV&V also notes that there are several new high priority requests related to the DDD Provider Portal and 27 production flow jobs that need to be reviewed for replacement of older dataverse connectors that are known by		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable and ready for project team consumption. This should assist the project with finalizing the "Big Boulder" features/functionality implementation schedules. As a result of the frequent changes to the Project's updated draft Feature Roadmap, the corresponding implementation schedules have been volatile and delivery prior to the end of the DDI period is at risk. As mitigation, the Project planned to submit another IAPDU in July to move the DD&I period out to May 2023, however that date was not achieved. It is now anticipated to be completed and submitted in August. Due to	Project Management	Issue	High			
22.00	7/30/2021	boulder' interface functionality development	interface are currently at risk of not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at risk of not making the planned R3.17 release, and the ADT/Labs components have already missed needed intermediate target dates for the planned R3.17 release. The Project will need to re-assess the planned implementation dates for these 'big boulder' interfaces, including identification of the timing needs by the business teams. At a minimum, the CAFAS and HHIE interfaces are needed by the program. IV&V also notes that there are several new high priority requests related to the DDD Provider Portal and 27 production flow jobs that need to be reviewed for replacement of older dataverse connectors that are known by Microsoft to have limitations and		timeframe to allow for the completion of 'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big boulder' interfaces	07/31/2022 - 'Big Boulder' prioritized features/functionality implementation schedules continued to slide and change priority during July, largely due to resource constraints and external dependencies. The project team spent a significant amount of time during July assessing and grooming the backlog to determine if user stories for CAMHD, DDD, or both divisions are accurately reflected and deemed executable and ready for project team consumption. This should assist the project with finalizing the "Big Boulder" features/functionality implementation schedules. As a result of the frequent changes to the Project's updated draft Feature Roadmap, the corresponding implementation schedules have been volatile and delivery prior to the end of the DDI period is at risk. As mitigation, the Project planned to submit another IAPDU in July to move the DD&I period out to May 2023, however that date was not achieved. It is now anticipated to be completed and submitted in August. Due to the continued slippage of the 'Big Boulder'	Project Management	Issue	High			

22.00	7/31/2021	The assurant DDI nesied	The suggest Dusingt Chaffing Madel	Cuisting contractival agreements	Ohtoir IADDII annuaval fram	02/20/2022 The IAPPIL was approved by	Duningt Managamant	lasus	1	Classed	Darren	
23.00	//31/2021	The current DDI period	The current Project Staffing Model		Obtain IAPDU approval from	02/28/2022 - The IAPDU was approved by	Project Management	issue	Low	Closed		
		expires at the end of	shows a planned reduction in RSM		CMS.	Federal partners in early February, which					Macdonald	
		December 2021 which will	resources support starting in			extended the DD&I effort through October						
		require RSM to transition of	September 2021 through December			2022. Transition from RSM will not be						
		the D365 solution to the State	The state of the s			required until approximately August 2022.						
		prior to contract end.	should commence the development			Based on the extended time being available						
			of a transition plan to ensure the			for transition efforts, IV&V is closing this						
			appropriate replacement State			finding.						
			resources are identified/secured			01/31/2022 - There were no substantive						
			and the necessary knowledge			changes to this finding observed during						
			transfer sessions are planned and			January as BHA continues to pursue CMS						
			executed with RSM. BHA will need			Federal funding approval for extending DD&I						
			to be sure they are ready to take on			through October 2022 followed by M&O						
			the development of user stories,			through September 2024. IV&V will continue						
			testing, deployment, and the			to monitor this finding until Federal funding						
			support and maintenance of the			approved.						
			' '			12/31/2021 - There were no substantive						
			entire system by the end of the DDI									
			period (December 2021).			changes to this finding observed during						
						December as BHA continues to pursue CMS						
						Federal funding approval for extending DD&I						
						through October 2022 followed by M&O						
						through September 2024. IV&V will continue						
						to monitor this finding until Federal funding						
						approved.						
						11/30/2021 - There were no substantive						
						changes to this finding observed during						
						November. In late October, PAC approved						
24.00	10/29/2021	The R3.19 Solution Upgrade	Solution upgrades are essential for	Daily Scrum Reporting	Ensure there are adequate and	11/30/2021 - R3.19 was promoted to	Project Management	Issue	High	Closed	1	Technical issue
	, , ,	technical issues are delaying	keeping the system current in order		qualified resources to support	production as an FSU on 11/14/2021 and	.,		Ü		1	resolved and were
		the implementation of the	to gain access to new features that		the current Solution Upgrade	access to the development and test					1	attributed to the
		release and the ability for	-									
			lanhanca productivity, aliminata		processes. This may require the							
		staff to develop and test	enhance productivity, eliminate		processes. This may require the	environments was again restored. Because					f	following:
		staff to develop and test	bottlenecks and govern sensitive		support from RSM resources to	environments was again restored. Because the solution upgrade was the first in five (5)					f	following: Import of
		staff to develop and test code.	bottlenecks and govern sensitive information. The current R3.19		support from RSM resources to provide assistance and	environments was again restored. Because the solution upgrade was the first in five (5) releases, the deployment process took					f • s	following: Import of solution taking 1-2
		· ·	bottlenecks and govern sensitive information. The current R3.19 solution upgrade work efforts that		support from RSM resources to provide assistance and knowledge transfer.	environments was again restored. Because the solution upgrade was the first in five (5) releases, the deployment process took approximately 12 hours. This issue did have					f • s	following: Import of solution taking 1-2 nours, timed out in
		· ·	bottlenecks and govern sensitive information. The current R3.19 solution upgrade work efforts that includes patches for 5 releases		support from RSM resources to provide assistance and knowledge transfer. As appropriate, consult with	environments was again restored. Because the solution upgrade was the first in five (5) releases, the deployment process took approximately 12 hours. This issue did have an impact both on the amount of DDI					f • s ! F	ollowing: Import of solution taking 1-2 nours, timed out in PROD, so had to
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25.00 6/30/2022 The lack of a formal project governance structure is impeding decision-making procedures and overall leadership cohesiveness.	governance can lead to: •Untimely and/or uninformed decision-making	CAMHD and DDD differ but both divisions need equal and fair representation of how work is being prioritized and performed.	responsibility and relationships among project stakeholders, 4) provide issue management and resolution, and 5) help with	developed and is in process of review and approval by the Executive Steering Committee to commence activities related to formal Project Governance. 06/30/2022 - As expected, the priorities and goals of DDD and CAMHD are not the same. This often leads to disagreements on work priorities causing Project delays and overruns, breakdown in communications and collaboration, and an erosion of project	Project Management	Issue	Medium	Work In Progres	Vic Dudoit	
26.00 7/31/2022 The inability for BHA staff to work remotely is decreasing productivity and causing morale issues amongst team members.	reported decreased productivity and there is a strong likelihood of the Project losing team members due to their inability to work	Project team members have reported decreased productivity and there is a strong likelihood of the Project losing team members due to their inability to work remotely. This is evidenced by a current Help Desk employee retiring early and citing this as the reason.	information dissemination and transparent communication. The Department may consider granting remote work to improve productivity and help increase morale to help ensure the existing short-staffed issue is not further exacerbated.	team trust.	Project Management	Preliminary Concern	N/A	Open	Vic Dudoit	