

OFFICE OF ENTERPRISE TECHNOLOGY SERVICES

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

November 17, 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 (Nov 17, 2022 10:53 HST)

Douglas Murdock Chief Information Officer State of Hawai'i

Attachments (2)



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

Final IV&V Report for the period of

September 1 – September 30, 2022

Final submitted: October 14, 2022



Agenda

Executive Summary IV&V Findings & Recommendations

Appendices

- A Rating Scales
- B Inputs
- C Project Trends





Executive Summary

The Project deployed R3.26 to production on 9/1/2022 with no post-deployment defects. This is a notable improvement from previous releases.

The Project Team completed the backlog review in September and added RSM staff to the project to meet the demands of the re-baselined backlog work.

The current DDD Product Owner announced she will be leaving the project in early October. IV&V has opened a new high issue due to the many roles and responsibilities the DDD Product Owner performs and the short transition period.

The pending IAPDU to extend the DD&I period beyond October 2022 will be submitted in early October. IV&V will continue to monitor the status of this impactful item.

Jul	Aug	Sep	Category	IV&V Observations	
R	feasible to implement within the development timeframes. The IAPDU to extend the		The Project completed the review of the backlog to ensure it is current, manageable, and feasible to implement within the development timeframes. The IAPDU to extend the current DD&I period will be submitted to DHS and CMS in early October. The criticality rating for this category remains Red (high) for the September reporting period.		
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 September reporting period. IV&V will continue to monitor the US development and validation process in upcoming reporting periods.		Green (low criticality) for the September reporting period. IV&V will continue to monitor		
Y			Training on the Tricentis test automation tool started in September and will continue through R3.27 with full implementation targeted for R3.28. This category remains Yellow (medium criticality) for the September reporting period.		
R	Release / Continues to collaborate with Microsoft and RSM on deployment best practices to en		There were no post-production defects attributed to deployment issues for R3.26. BHA continues to collaborate with Microsoft and RSM on deployment best practices to ensure repeatable solution upgrade deployment activities. IV&V will continue to closely monitor this high criticality category.		



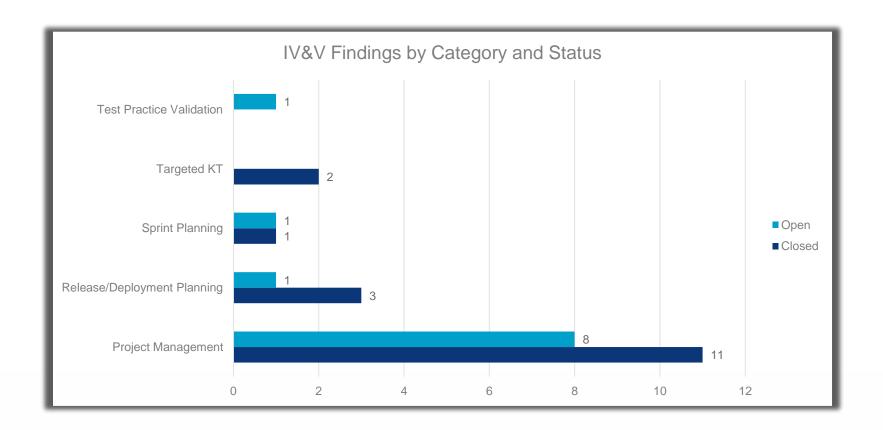
Executive Summary

Jul	Aug	Sep	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 September reporting period with no active findings.	
G	G	G	Targeted KT	This category remains Green (low criticality) for the September reporting period. IV&V will continue to monitor.	
G			The R3.26 defect percentage was 32% which fell short of the target of 20% or less. The velocity for R3.26 of 77 USPs also fell short of the estimated 90 USPs. IV&V will continue to monitor this category.		
G	G	G	Organizational Maturity Assessment (OMA)	y There were no updates to this category. The criticality rating for the OMA category	
R	Project Management Quality improved in September as there were no post-production defects for R3.26. high criticality risk opened last month to address the barriers/delays in submitting an IAPDU is still a concern for IV&V, but the IAPDU should be submitted in early October IV&V opened a new high criticality issue related to the departure of the DDD Production defects for R3.26. Owner. The criticality rating for this category remains red this month.				



Executive Summary

As of the September 2022 reporting period, there are a total of eleven (11) open findings – four High Issues, five Medium Issues, one High Risk, and one 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. The completion of the backlog analysis and updates in previous months resulted in a backlog larger than envisioned. As a result, BHA and RSM agreed to add RSM resources to the project nearly doubling the RSM staff over the final stretch of development. This is a very positive start to resolving the overall technical staffing issue. IV&V will continue to monitor moving forward.	B
Recor	nmendations	Status
• BH/	A needs, and should pursue, documentation of the Calculator 3.0 solution.	In progress
	Project should investigate mechanisms of increasing the bandwidth of the BHA Technical Team, either by ing resources through new hires, or vendor contracts.	Completed
	Project should assess, where possible, if there are responsibilities of the BHA Technical Team that can reassigned to other project staff.	In progress
	Project should evaluate where process inefficiencies can be addressed and streamlined to possibly free 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. Regression testing was successfully completed for R3.26 which was promoted to production on 9/1/2022. There were no post go-live bugs reported. A Tricentis project kick-off was conducted on 9/2/2022 with ongoing training in progress through R3.27. R3.28 remains the target release for full implementation and execution of the test automation tool.	M

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 automated testing is available for repeatable and complete industry standard regression testing.	that Completed
 IV&V recommends performing an RCA in collaboration with RSM for the continued concerns with regretesting efforts. 	ession Completed



Release / Deployment Planning

#	Key Findings	Criticality Rating
18	High Issue - Due to ongoing deployment processes and technical execution issues, the Project may continue to encounter defects and challenges in meeting projected timelines for production and non-production deployments. The R3.26 release was deployed to production on 9/1/2022, using the patch deployment methods. The upcoming R3.27 and R3.28 releases will require full solution upgrades (FSU) for deployment based on their entity contents. FSUs have historically been quite challenging for the project, inferring that this may increase risk to these releases. To help mitigate the risk, BHA continues to collaborate with Microsoft and RSM on deployment best practices. While BHA continues to increase their learning, they acknowledge that there are still several unknowns in terms of applying those practices. The team's knowledge gaps for repeatable deployment activities are not fully understood. The R3.27 FSU was successfully moved to the test environment prior to the end of September, and the production promotion is planned for mid-October. IV&V will continue to monitor this high exposure issue.	H

Recommendations	
 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



Release / Deployment Planning (cont'd)

Recommendations	Status
 Request the assistance of the RSM Solution Architect in reviewing and correcting issues associated with consistency of the configurations across environments, ensuring that the test environment is capable of testing ALL functions of any given release without the need for using multiple test environments. 	In Progress
 Request the assistance of the RSM Solution Architect in review of deployment scripts as a double check for accuracy and completeness prior to commencing deployment activities. 	In Progress
The Project Team should consider evaluating potential changes to improve/enhance existing processes and communications to address current release/deployment shortfalls.	In Progress
 IV&V recommends performing an RCA in collaboration with RSM for the continued concerns surrounding environment differences. 	In Progress
• IV&V recommends updating the Project's Configuration Management Plan to address the current needs of the Project. This should include specific checklists geared at ensuring repeatable promotional processes by DOH.	In Progress
 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. R3.26 was deployed to production on 9/1/2022. No post-deployment defects were identified following this release which is the first occurrence in at least the last five releases. IV&V will continue to monitor this medium exposure issue.	M

Recommendations	Status
Evaluate existing project staff skills and experience level to ensure they meet BHA support requirements.	In Progress
 Perform CAMHD 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 IV&V recommendations for effectiveness.	In Progress



Recommendations	Status
 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
1	2	Medium Issue – PII/PHI data in non-production environments. The Security Assessment is pending approval by the ASO. RSM is planning to address this issue as part of the backlog scope for R3.28. IV&V will continue to monitor this medium criticality issue.	M

Recommendations	Status
 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. The defect percentage of USPs deployed to production climbed again in September. R3.26 had an estimated velocity of 90 USPs, and 77 USPs were promoted to production. Thirty-two percent (32%) of all USPs in R3.26 were attributable to defects, while 68% of the total USPs were associated with planned user stories and requests. This September metric falls short of the target of no more than 20% of the total USPs promoted during the month. 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 September. While staffing was increased, velocity fell far short of expectations for R3.27. The planned project velocity was 330 USPs for R3.27, however, the latest statistics indicate that the total will be short of 100 USPs. Velocity is likely to increase moving forward as the additional RSM staff ramps up and adjusts to the project's requirements and expectations.	Ð

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.	Completed



#	Key Findings	Criticality Rating
25	Medium Issue - The lack of a formal project governance structure is impeding decision-making procedures and overall leadership cohesiveness. The Project Charter was signed and approved during September, which is the first step in enacting a formal governance process for the project. IV&V will continue to monitor the governance activities.	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



#	K	Key Findings	Criticality Rating
20	c o p	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. There is a strong likelihood of the Project losing team members due to their inability to work emotely, as evidenced by a current Help Desk employee retiring and the DDD Product Owner leaving BHA and citing this as one of the reasons. The Department may consider granting remote work.	N/A



#	Key Findings	Criticality Rating
27	High Risk - The current DDI period expires at the end of October 2022 which will require RSM to transition the D365 solution to the State prior to contract end. Efforts to submit an IAPDU to pursue CMS Federal funding approval for extending DD&I through May 2023 have progressed in September and BHA plans on submitting the IAPDU to CMS in early October. If the IAPDU is not approved by the end of October, the project will be at major risk.	H

Recommendations		Status
DHS to reconcile current claims invoicing discrep	pancies.	In Progress



	#	Key Findings	Criticality Rating
:	28	New High Issue - The DDD Product Owner resigned her position in September and will transition off the project in early October. The absence of the current DDD Product Owner will cause major challenges for DDD as she wore multiple hats and is responsible for many aspects of the day-to-day work from both an administrative and business perspective.	B

Recommendations	Status
 IV&V recommends a formal transition plan be fully defined and executed prior to the DDD Product Owner departure. 	Completed
 IV&V recommends DDD seek (internal/external) multiple staff to replace the DDD Product Owner for each role served. 	New
 IV&V recommends DDD consider soliciting contracted staff to fill the immediate gaps with the DDD Product Owner's departure. 	New



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 	September - Available velocity was estimated at 90 user story points for R3.26 and a total of 77 user story points were promoted to production. This was accomplished with two (2) very small mid-sprint deployments in late August and early September coupled with the final release on September 1, 2022. The overall cumulative Phase 3 targeted USP's was planned for 2,197 and the actual USP count is now 2,879.27. 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	 September - R3.26 was deployed to production on September 1, 2022, with a total of 77 USPs. 68% of the total USPs were associated with planned user stories and requests. 32% of the total USPs were associated with defects that were either encountered during the release or pulled from the backlog. The defect ratio in September 2022 did not meet the target threshold of 20% or less of the total USPs in any given release. 	N/A

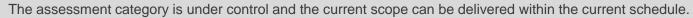


Appendix A: IV&V Rating Scales

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'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.

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 September 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
- 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 September 2022 reporting period:

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





Appendix C: Project Trends

Appendix C Project Trends

Trend: Overall Project Health										
Process Area	2021/2022									
Process Area	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
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	8	8	7	7	7	7	8	9	10	11
Issue - high	1	1	1	2	2	2	3	3	3	4
Issue - medium	4	4	4	4	4	5	5	5	5	5
Issue - low	3	3	2	1	1	0	0	0	0	0
Risk - high	0	0	0	0	0	0	0	0	1	1
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	1	1	1





Solutions that Matter

ID	Date Identif	ied Finding	Finding Statement	Supporting Analysis	PCG Recommendation	Finding Update	Process Area	Finding Type	Priority	Status	Risk Owner	Closure Reason
1.00		019 Detailed investigation	IV&V is currently investigating	While having a high level roadmap is good,	As much as possible, the project	01/31/2020 - IV&V is closing this concern,	Sprint Planning	Preliminary	N/A	Closed	Ramesh, Vijaya	Due to multiple
		into the project's sprint	the following topics as they	the project should be able to identify what	should identify what feature	and will be tracking items related to		Concern			(PCG)	new items being
		planning processes and	relate to Sprint Planning and the	feature enhancements will be targeted for	enhancements will be targeted	Definition of Done, roadmap, resourcing,						tracked at a more
		adoption of generally	project's overall approach to	each planned release. This roadmap will help	for each Release and should	and backlog grooming in new, separate						granular level, this
		accepted agile best	agile software development: -	the project manage scope and productivity.	clearly map out the roadmap out	findings.						item has been
		practices.	IV&V acknowledges that the	Relatedly, the "definition done" is an	through the last Phase 3 release							closed.
			project is now planning three	important artifact to ensure that the project	in September 2020.Additionally,							
			sprints outs, however, it appears	is successful. Otherwise, the project will	the project should clearly define							
			that only a "high-level" sprint	struggle to prioritize requests/enhancements								
			planning roadmap has been	and manage scope.	team is working towards the							
			produced, and it is unclear		same goal and increase							
			exactly how the project is		opportunities for success. Having							
			targeting features for each		a clear "definition of done" will							
			release through the end of Mod		help provide the project with							
			4 IV&V is not aware of how		guidance on how to stay within							
			the project is currently defining "done" for Mod 3 and Mod		scope.							
			4Additionally, 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									
2.00	12/31/2	019 As a result of regression	R3.3 introduced a defect that	Thorough vetting and validation of	Pursuing additional formal	09/30/2022 - Regression testing was	Test Practice Validation	Issue	Medium	Open	Darren Macdonald	
		testing not being	deprecated features in	regression test cases is necessary to prevent	training in AzureDevOps for test	successfully completed for R3.26 which was						
		consistently performed,	production specific to Integrated	both defects and the deprecation of	automation at the earliest	promoted to production on 9/1/2022. There						
		production releases are	Support and Life Trajectory	production functionality when a release is	possible juncture and commence	were no post go-live bugs reported. A						
		breaking and/or	functionality. DDD has informed	pushed live. When defects occur in	efforts to automate at least the 2	Tricentis project kick-off was conducted on						
		deprecating existing	IV&V that there are other	production, the project should follow a	primary regression test scripts.	9/2/2022 with ongoing training in progress						
		functionality in the	examples of functionality being	defined and repeatable process for	IV&V recommends DDD and	through R3.27. R3.28 remains the target						
		production	deprecated after a release,	determining the root cause of the problem.	CAMHD to develop a common	release for full implementation and						
		environment.	some of which are still being		and consistent approach across	execution of the test automation tool.						
			investigated. As of this report,		divisions for performing	08/31/2022 - Regression testing is currently						
			IV&V has not evaluated the project's root cause analysis		regression testing. Determine if current regression	underway for R3.26 which is planned to be promoted to production on 9/1/2022. The						
			(RCA) process used to determine		testing timeframes are adequate	Project has published a plan for						
			why such functionality was		and if not, add more time to the	implementing the Tricentis tool which kicks-						
			deprecated but will discuss		pre-production regression test	off on 9/2/2022. The Tricentis						
			further with BHA in January		efforts for all release	Implementation Plan is detailed and						
			2020.		deployments.	comprehensive. Test automation is						
					Updating the regression test	expected to commence with R3.27 and full			1			
					1 ' '	integration (test automation and test result			1			
					system configuration.	tracking) is targeted for R3.28. IV&V will			1			
					Modifying release schedules to	continue to monitor the progress of the						
					allow for regression testing	Tricentis tool implementation.						
					timeframes	07/31/2022 - This high criticality finding			1			
					Planning releases by functionality	continues to be the most impactful issue			1			
					type to avoid unnecessary	affecting the Project. Helpdesk team			1			
					repetitive work being performed	members brought in to assist and support						
					in any given section of the	the deployment team continue to improve						
		1	1	1	solution.	their skills and experience with the last	ı	I	1	1		1

3.00	12/21/201	10 Lisans of anon source	IVEV learned in December 2010	On an active at all and frame attended offer	IV/8 V management and a DITA words to	00/21/2020 IV/8V/:	Targeted KT	Risk	Low	Closed	Darren Macdonald	RSM has
3.00	12/31/201	Usage of open source JavaScript framework for	IV&V learned in December 2019 that the Calculator 3.0	Open source tools and frameworks offer	IV&V recommends BHA work to establish a reliable and	08/31/2020 - IV&V is unaware of any	Targeted KT	KISK	Low	Ciosea		successfully held
				organizations great opportunities to build		additional KT gaps being identified by DOH,						,
		development and	functionality is built in Vue.JS,	and configure customized solutions at lower	repeatable process for keeping	and as such, is closing this						several KT
			an open source JavaScript	costs than through software purchase or	abreast of communal updates	finding.07/31/2020 - The Project resolved						sessions for this
		Calculator 3.0 requires	framework. As this framework is	licensing. However, open source tools and	and support opportunities for a	the majority of the outstanding Calculator						technology and
		BHA to take a proactive	relatively new, the open source	frameworks often do not come with support	new suite of tools -	3.0 defects during July which was						functionality, and
			support community is small.	models, other than those offered through	CompletedIV&V recommends	implemented in the mid-sprint release on						DOH staff have
		security.	IV&V's concerns include: - The	the tool's community. Because of this, the	_	7/17/2020. The final Calculator 3.0						stated that it was
			availability of reliable support	organization bears the weight of seeking out		Knowledge Transfer session was conducted						well received.
			for Vue.JS - The project's	reliable help and support, as well as much	Calculator 3.0 via a suite of tools,	on 7/17/2020. IV&V recommends BHA to						
			understanding of any known	take a proactive approach to security and	and determine what additional	identify and communicate any additional KT						
			vulnerabilities with Vue.JS, and	identifying any vulnerabilities in the tools.	skillsets, training, and/or	gaps to RSM during the month of August. If						
			development of a process to		resources are needed to support	no additional needs are identified, IV&V will						
			remain current on		BHA's long-term ownership of	close this finding. 06/30/2020 - The project						
			vulnerabilities discovered by the		Calculator 3.0 - Completed	continued to focus attention on the						
			support community The RSM			Calculator 3.0 defects during the month of						
			lead for Calculator 3.0 went on			June. RSM conducted another Calculator 3.0						
			extended parental leave in			Knowledge Transfer session on 6/26/2020						
			December 2019IV&V			and scheduled a final session for 7/17/2020.						
			acknowledges that BHA has			05/31/2020 - The project continued to focus						
			downloaded Vue.JS to start			attention on the Calculator 3.0 user stories						
			getting familiar with it.			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						
						continue to monitor this project component						
4.00												
4.00	1/31/202	Due to the project not	There have been several defects	A complete, up to date, and documented	IVV recommends documenting	12/31/2020 - IV&V has closed this issue as	Release/Deployment Pl	Issue	Medium	Closed	Darren Macdonald	Key finding has
4.00	1/31/202	Due to the project not following a detailed	There have been several defects pushed to production with	A complete, up to date, and documented deployment script is needed to ensure the	IVV recommends documenting deployment scripts for both the	12/31/2020 - IV&V has closed this issue as the related recommendations below has	Release/Deployment Pl	Issue	Medium	Closed		Key finding has been addressed
4.00	1/31/202			1	1		Release/Deployment Pl	Issue	Medium	Closed		
4.00	1/31/202	following a detailed	pushed to production with	deployment script is needed to ensure the	deployment scripts for both the	the related recommendations below has	Release/Deployment Pl	Issue	Medium	Closed		been addressed
4.00	1/31/202	following a detailed deployment script, the	pushed to production with Phase 3 releases. Some of the	deployment script is needed to ensure the repeatability and stability of DOH's	deployment scripts for both the patch method and the full	the related recommendations below has been completed. A subsequent medium	Release/Deployment P	Issue	Medium	Closed		been addressed and proposed
4.00	1/31/202	following a detailed deployment script, the project may continue to	pushed to production with Phase 3 releases. Some of the defects introduced to	deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are	deployment scripts for both the patch method and the full solution upgrade method. The	the related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to	Release/Deployment P	Issue	Medium	Closed		been addressed and proposed IV&V
4.00	1/31/202	following a detailed deployment script, the project may continue to experience defects	pushed to production with Phase 3 releases. Some of the defects introduced to production have been narrowed	deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches	deployment scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of	the related recommendations below has been completed. A subsequent medium issue finding (#19) has been opened to address ongoing deployment processes and	Release/Deployment Pl	Issue	Medium	Closed		been addressed and proposed IV&V recommendations
4.00	1/31/202	following a detailed deployment script, the project may continue to experience defects related to deployment	pushed to production with Phase 3 releases. Some of the defects introduced to production have been narrowed down to environmental	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	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	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 Pl	Issue	Medium	Closed		been addressed and proposed IV&V recommendations have been
4.00	1/31/202	following a detailed deployment script, the project may continue to experience defects related to deployment	pushed to production with Phase 3 releases. Some of the defects introduced to production have been narrowed down to environmental promotional activities. In these	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	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 Pl	Issue	Medium	Closed		been addressed and proposed IV&V recommendations have been completed. A
4.00	1/31/202	following a detailed deployment script, the project may continue to experience defects related to deployment	pushed to production with Phase 3 releases. Some of the defects introduced to production have been narrowed down to environmental promotional activities. In these instances, the DEV and TEST	deployment 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	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 Pl	Issue	Medium	Closed		been addressed and proposed IV&V recommendations have been completed. A subsequent
4.00	1/31/202	following a detailed deployment script, the project may continue to experience defects related to deployment	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	deployment script is needed to ensure the repeatability and stability of DOH's production deployments. Since there are currently two deployment types (patches and full solution upgrades), two scripts may be warranted. An embedded process and documented script will help ensure that mistakes are minimized, and that	deployment scripts for both the patch method and the full solution upgrade method. The script(s) should be in the form of a step-by-step procedure that walks through from start to finish of the deployment process and involve several technical staff to	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 Pl	Issue	Medium	Closed		been addressed and proposed IV&V recommendations have been completed. A subsequent finding #19 has
4.00	1/31/202	following a detailed deployment script, the project may continue to experience defects related to deployment	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	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	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	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	Release/Deployment P	Issue	Medium	Closed		been addressed and proposed IV&V recommendations have been completed. A subsequent finding #19 has been created to
4.00	1/31/202	following a detailed deployment script, the project may continue to experience defects related to deployment	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	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	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	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	Release/Deployment Pi	Issue	Medium	Closed		been addressed and proposed IV&V recommendations have been completed. A subsequent finding #19 has been created to address on-going
4.00	1/31/202	following a detailed deployment script, the project may continue to experience defects related to deployment	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,	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	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	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	Release/Deployment Pi	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
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4.00	1/31/202	following a detailed deployment script, the project may continue to experience defects related to deployment	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	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	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	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	Release/Deployment Pi	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	1/31/202	following a detailed deployment script, the project may continue to experience defects related to deployment	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	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	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	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 Pi	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	1/31/202	following a detailed deployment script, the project may continue to experience defects related to deployment	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	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	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	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 Pi	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
4.00	1/31/202	following a detailed deployment script, the project may continue to experience defects related to deployment	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	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	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	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 Pi	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
4.00	1/31/202	following a detailed deployment script, the project may continue to experience defects related to deployment	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	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	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	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. 10/31/2020 - The RSM and DOH Teams have collaborated to develop a detailed	Release/Deployment Pi	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

5.00		documented 'Definition of Done", which could challenge the project's ability to fully achieve the goals of Phase 3.	documented 'Definition of Done' (DOD) for the BHA Top 100 User Stories of for Phase 3. Because of this, it is unclear how proposed functionality/features are prioritized for each sprint, and throughout Phase 3.	The 'Definition of Done" document guides the Project's vision, business, and technical goals that are important inputs for stakeholders to develop a Roadmap for Phase 3. Without the 'Definition of Done' document, the project is likely to struggle to prioritize proposed functionality/features which may be equally important but are at odds with each other.	of creating the Definition of Done. IV&V recommends that the project create this document and socialize this with project team before end of Feb 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.	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	Preliminary Concern		Closed	Definition of Done completed and socialized.
6.00	1/31/202	backlog grooming could result in the project backlog having obsolete, non-estimated, and poorly defined user stories.	The backlog of defects, requests, and user stories continues to grow. Currently, there are approximately 429 defects and requests, of which almost 200 have a status of 'New'. IVV notes that a large percentage of the backlogged work items do not have user story points estimated. Many of the items listed in the backlog are old, and some may have had needs or requirements change over time or may now be obsolete. IV&V notes that DDD and CAMHD have initiated this effort and agreed to prioritize grooming the backlog by the end of February.	A comprehensive, up-to-date backlog is a primary tenet of agile software development. If a backlog is carrying work items that may not ever be completed for any reason, they should be removed from the backlog to ensure its viability.	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	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 has reached 94% completion at the end of	Project Management	Risk	Low	Closed	The project has demonstrated they are consistently grooming the backlog.

7.00	1/31/2020 The BHA Technical Team bandwidth may not be adequate to meet the	The BHA Technical Team plays a role that is critical to project success. Currently, the	The BHA Technical Team leads the efforts of all technical DOH staff on the project. As such, the Team's time is both extremely	BHA needs, and should pursue, additional Knowledge Transfer sessions on the updated	09/30/2022 - The completion of the backlog analysis and updates in previous months resulted in a backlog larger than envisioned.	Sprint Planning	Issue	High	Open	Darren Macdonald	
	needs of the project,	success. Currently, the responsibilities associated with the BHA Technical Team have expanded beyond their collective available bandwidth. IV&V notes that BHA began addressing this bandwidth issue, which includes increased collaboration with key RSM resources, and are working to potentially change the structure of the Technical Team.	such, the Team's time is both extremely valuable and scarce. If the Team's expected workload exceeds bandwidth, the project could experience bottlenecks. Optimization of the BHA Technical Team's time is to the benefit of the project and plays a critical role in the project's ability to hit performance targets and achieve the Phase 3 definition of done.	Calculator 3.0 solution The Project should investigate mechanisms of increasing the bandwidth of the BHA Technical	resulted in a backlog larger than envisioned. As a result, BHA and RSM agreed to add RSM resources to the project nearly doubling the RSM staff over the final stretch of development. This is a very positive start to resolving the overall technical staffing issue. IV&V will continue to monitor moving forward. 08/31/2022 - Although BHA leadership continued to meet during August to address the Project's resource shortages and develop a mitigation plan to address this issue, no measurable progress was attained. A critical resource change for the current RSM Solutions Architect was announced during August, which only serves to compound the existing resource shortage issue and potentially impact overall quality. IV&V will continue to monitor this high criticality issue. 07/31/2022 - This high criticality finding continues to be the most impactful issue						
				production defects in a timely manner, without disrupting new development work. The Project should consider	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						
8.00	1/31/2020 The lack of a Product Roadmap that provides direction on the top product features to be delivered in the near term (next 3 months), midterm, and long term could have an adverse impact on the Project's scope and schedule.	BHA does not have a single, definitive Product Roadmap for Phase 3 that addresses the functionalities, features, and / or enhancements to be built in order to fully address BHA's business needs. IV&V met with RSM and BHA on this topic in January, and notes that the project is actively working to address this concern.	A Roadmap is a tool that guides an agile project on what functionalities/features are targeted to be built and released and when users can have access to these functionalities. Without a defined Roadmap the project may not be able to effectively scope the top features to be released within Phase 3 and ensure the correct resources are available to accomplish the goal of each sprint and the Phase.	IV&V understands that the Project is in the process of creating a Short Term; Mid Term, and Long Term Roadmap. IV&V recommends the Project complete this by the end of February 2020 to understand if there are any constraints (resources, budget) that may	02/29/2020 - In February, the project further defined the Phase 3 Product Roadmap and aligned it with the Phase 3 Definition of Done. IV&V recommends the project continually review and update both the Product Roadmap and Definition of Done, adjusting as necessary. IV&V will continue to monitor the project's adherence to the Product Roadmap and progress against it but is closing out this concern as of the February report.	Project Management	Preliminary Concern	N/A	Closed	Ramesh, Vijaya (PCG)	Product Roadmap aligned with Definition of Done

0.00	2/24/2020	TI 001/10 / .	0. 0.100.10000 11. 0	Inov	1 2004	Day 100 10004 TI D 1 1 1	In	la: ı	I	Classid	la	T
9.00		•	On 3/23/2020, the Governor	DOH stakeholder participation in key	•	04/30/2021 - The Project continues to	Project Management	Risk	Low	Closed	Darren Macdonald	, ,
		'	· · · · · · · · · · · · · · · · · · ·	activities could be significantly hindered, not	1 '	maintain its ability to operate with staff						continues to
				only by required remote work by DOH and SI		working remotely, effectively overcoming						maintain its ability
		' '	•	staff, but also by the flood of activities that	work devices and tools and make	the "stay at home, work from home order"						to operate with
		and negatively impact	ability to be fully functional as	could occur as the department could become	every effort to help them to	that reduced BHA's ability to be fully						staff working
		the project schedule and	the large majority of state	overwhelmed processing and providing	become highly functional with	functional in the office. The potential DDD						remotely,
		budget.	workers will be required to work	services due to the resulting economic	remote access technology (e.g.	and CAMHD budget challenges reported in						effectively
			from home/remotely at least	impacts to citizens. Some stakeholders may	MSTeams/Skype) - Completed-	March were also overcome during April,						overcoming the
			until the end of April and some	be unable (due to stricter shutdown policies)	IV&V recommends the project	providing fiscal relief to BHA. As such, IV&V						"stay at home,
			offices may be completely shut	or unwilling to perform these activities	and DOH create a detailed,	is closing this finding.03/31/2021 - The						work from home
			down until that time as well.	during this chaotic time. Planned SI on-site	documented risk mitigation	Project continued to maintain its ability to						order" that
			Unclear if the order will extend	visits will also likely be changed to remote	strategy and plan that is reviewed	operate with staff working remotely, while						reduced BHA's
			beyond that date.	which could reduce the effectiveness of their	regularly and revised to address	COVID-related responsibilities continue to						ability to be fully
			·	project activities. Going forward most if not	the current state of the COVID-19	grow for CAMHD Leadership. The Governor						functional in the
				all project activities will more than likely be	threat and related impacts over	announced that potential furloughs and/or						office. The
				conducted remotely until this crisis passes.	the next 6 to 12 months - In	layoffs of State workers will no longer be						potential DDD and
				, , , , , , , , , , , , , , , , , , , ,	Progress - IV&V recommends	necessary based on the signing of the						CAMHD budget
					updates to the OCM Plan to	American Rescue Plan. IV&V has reduced						challenges
					include any new activities or	the priority of this finding from Medium to						reported in March
					updates to planned activities to	Low and will continue to monitor moving						were also
					aid the organization through this	forward. 02/28/2021 - As reported in						overcome during
					COVID-19 situation in the short	January, there were no substantive changes						April, providing
					and long term - Open	observed for this finding in February. The						fiscal relief to
					and long term - Open							
						Project continued to maintain its ability to						ВНА.
						operate with staff working remotely. IV&V						
						continues to note that there may be						
						potential future budget actions by the						
	4. 4					Governor due to projected State budget						
10.00	5/31/2020	The lack of design	There were a couple incidents	If all requirements within a functional design	IV&V recommends (and DOH has	07/31/2020 - The Project continues to to	Sprint Planning	Preliminary	N/A	Closed	Darren Macdonald	
		· ·	during May where the code	are not met, users could experience the	commenced) conducting	spend additional time on the designs of		Concern				change to spend
		stories has resulted in	promoted to production did not	inability to complete required processes,	technical design reviews for	complex user stories during June to ensure						extra time on the
		the promotion of	fully meet all requirements of	resulting in incomplete data collection and	complex user stories prior to	requirements and user story components						design of complex
		incomplete solutions	associated user stories for	potential issues in service delivery.	development to ensure designs	were fully captured in design sessions. This						user stories to
		into production.	CAMHD Progress Notes. The		are complete and all	process change has proven successful, and						ensure that all
			components that were		requirements associated with the	as such, IV&V recommends closing this						requirements are
			developed and implemented		design are met. IV&V observed	concern.06/30/2020 - IV&V acknowledges						represented has
			were functional, however the		this activity has been	the Project Team continued to spend						proven to be
			effort was complicated by		implemented by DOH in the	additional time on the designs of complex						successful.
			additional requirements being		month of May.	user stories during June to ensure						
			added during development that			requirements and user story components						
			necessitated additional changes			were fully captured in design sessions. IV&V						
			to the design. IV&V will continue			will continue to monitor in July.						
			to monitor the design review			<i>'</i>						
			activity for large user stories									
			moving forward									
			. 0									
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11.00	7/31/2020	DDD Project resource	The user adoption and training	The significance and impact of OCM can	IVEV recommends that BHA does	03/31/2021 - The DDD staff who've been	Project Management	Risk	N/A	Closed	Darren Macdonald	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	as much as possible within its	part of the review process are pleased with	1 Toject Wanagement	NISK	10/2	Closed	Darreir Wacuonaiu	who've been part
		continued negative	staffing shortages. DDD has	practice that best that all staff utilize the	sphere of influence to increase	the quality of the videos produced within						of the review
		effect on user adoption,	stated that its users have been	solution in the same manner. Variations in	user adoption and training. This	the toolset and have determined that the						process are
		training, and overall	found to not be utilizing the	how the system is utilized by its users is likely	· · ·	toolset is a very helpful training tool for DDD						pleased with the
		OCM activities.	system to its fullest extent in	to cause variations in data collection and	online training toolsets to offset	staff and providers. As such, IV&V is closing						quality of the
			terms of system workflow,	analytical efforts using the data collected.	the need for in-person training,	this finding.02/28/2021 - Training videos						videos produced
			provide their insights and input,	, , , , , , , , , , , , , , , , , , ,	and adding staff as needed to	using the new toolset were nearing						within the toolset,
			follow up, etc. To assist in OCM		support OCM and technical	completion by the end of February. DOH is						and have
			activities, DDD has defined the		efforts. IV&V recommends DOH	currently reviewing the drafts of the second						determined that
			need for an interactive training		perform a detailed investigation	set of videos and work is progressing well.						the toolset is a
			tool to support Inspire.		of the specific variations as to	IV&V will continue to monitor this finding						very helpful
					how the system is currently being	until DDD has had sufficient time to						training tool for
					used by the user community.	determine the overall quality of the training						DDD staff and
					Consequently, users would be	work products and whether the new toolset						providers.
					provided with constructive	is addressing user adoption and staffing						
					feedback on how the system	shortages for these task efforts. 01/31/2021						
					should be utilized where gaps	- Training design activities using the						
					exist. This will likely lead to	interactive training toolset commenced in						
					additional refresher training to	January and has attained good progress. The						
					close identified system	use of this tool is expected to provide some						
					knowledge gaps.	bandwidth relief for DDD staff members						
						responsible for onboarding new staff						
						members and providers, and to provide						
						refresher training to existing staff members.						
						IV&V will continue to monitor this						
						finding12/31/2020 - The contract to procure						
12.00	0/24/2020	DU/DUI data in man	Drove have been declared as the state of	Sellens to account BU/DUI data la constitue	N/0 V	the interactive training toolset for	Duningt Management	I a a company	N.A. adiia	0	D	
12.00	8/31/2020	PII/PHI data in non- production	IV&V has been made aware that PII/PHI data currently exist in a	Failure to secure PII/PHI data leaves the organization open to highly targeted social	IV&V recommends DOH consider limiting the volume of	09/30/2022 - The Security Assessment is pending approval by the ASO. RSM is	Project Management	Issue	Medium	Open	Darren Macdonald	
		environments	non-production environment to	engineering attacks, heavy regulatory fines,	environments with PII/PHI data	planning to address this issue as part of the						
		environments	mon-production environment to	lengineering attacks, neavy regulatory innes,								
			most project peeds. Coperally		1							
			meet project needs. Generally	and loss of client trust and loyalty.	and access necessary to support	backlog scope for R3.28. IV&V will continue						
			this is not a good security		and access necessary to support development work, which should	backlog scope for R3.28. IV&V will continue to monitor this medium criticality issue.						
			this is not a good security practice as the presence of		and access necessary to support development work, which should help minimize this risk.	backlog scope for R3.28. IV&V will continue to monitor this medium criticality issue. 08/31/2022 - As reported in previous						
			this is not a good security practice as the presence of PII/PHI data in non-production		and access necessary to support development work, which should help minimize this risk. IV&V recommends if production	backlog scope for R3.28. IV&V will continue to monitor this medium criticality issue. 08/31/2022 - As reported in previous months, there were no substantive changes						
			this is not a good security practice as the presence of PII/PHI data in non-production environments increases the		and access necessary to support development work, which should help minimize this risk. IV&V recommends if production data is necessary in any non-	backlog scope for R3.28. IV&V will continue to monitor this medium criticality issue. 08/31/2022 - As reported in previous months, there were no substantive changes to this finding identified in August. The						
			this is not a good security practice as the presence of PII/PHI data in non-production environments increases the potential for theft, loss or		and access necessary to support development work, which should help minimize this risk. IV&V recommends if production data is necessary in any non- production environment that	backlog scope for R3.28. IV&V will continue to monitor this medium criticality issue. 08/31/2022 - As reported in previous months, there were no substantive changes to this finding identified in August. The Security Assessment will commence after						
			this is not a good security practice as the presence of PII/PHI data in non-production environments increases the		and access necessary to support development work, which should help minimize this risk. IV&V recommends if production data is necessary in any non-production environment that DOH establishes a plan for	backlog scope for R3.28. IV&V will continue to monitor this medium criticality issue. 08/31/2022 - As reported in previous months, there were no substantive changes to this finding identified in August. The Security Assessment will commence after the associated contracts are executed and it						
			this is not a good security practice as the presence of PII/PHI data in non-production environments increases the potential for theft, loss or exposure thus increasing the		and access necessary to support development work, which should help minimize this risk. IV&V recommends if production data is necessary in any non- production environment that	backlog scope for R3.28. IV&V will continue to monitor this medium criticality issue. 08/31/2022 - As reported in previous months, there were no substantive changes to this finding identified in August. The Security Assessment will commence after						
			this is not a good security practice as the presence of PII/PHI data in non-production environments increases the potential for theft, loss or exposure thus increasing the organization's risk. Failure to		and access necessary to support development work, which should help minimize this risk. IV&V recommends if production data is necessary in any non-production environment that DOH establishes a plan for effectively managing the security	backlog scope for R3.28. IV&V will continue to monitor this medium criticality issue. 08/31/2022 - As reported in previous months, there were no substantive changes to this finding identified in August. The Security Assessment will commence after the associated contracts are executed and it is unclear when this will occur. BHA plans to						
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13.00	8/31/2	020 Project not able to	The Project recently deployed	The unavailability of activity logs may	IV&V recommends that DHS	03/31/2021 - Per BHA, this finding is no	Release/Deployment P	Rick	N/A	Closed	Darren Macdonald F	Finding has been
15.00	0,31,2	access Activity Logs	audit log functionality into	hamper the investigation of future security	continues to collaborate with	longer an issue and recommends closure.	neicuse, beployment	Misk	14,71	Closed		resolved.
		decess rectivity Logs	production whereby these logs	breaches.	Microsoft until the activity	IV&V is closing this finding.02/28/2021 -					ľ	resorved.
			can be accessed and exported as		logging feature is available in all	BHA continued this effort in February						
			needed. However, IV&V was		BHA non-production	despite a workaround being necessary from						
			made aware access to activity		environments.	Microsoft due to a layering issue. Based on						
			logging for users with just view		environmento.	continued delays, it is unclear when this						
			permissions will not be available			important security activity will be						
			from Microsoft in the public			completed. IV&V will continue to monitor						
			sector environment until the			this finding. (Per Kamu, this status						
			end of September 2020. The			information did not correctly reflect the						
			unavailability of these specific			issue as the layering issue has no relation to						
			activity logs could potentially			the activity logs.)01/31/2021 - The						
			hamper the investigation of			implementation effort for this activity						
			future security events until			moved forward in January. Some of the						
			implemented.			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						
						technical team has commenced the						
14.00	9/30/2	020 Due to multiple quality	System defects identified in	The identified quality issues have negatively	Evaluate existing project staff	09/30/2022 - R3.26 was deployed to	Project Management	Issue	Medium	Open	Darren Macdonald	
		concerns, the project	August that affected claims	affected DOH billing processes and DOH has	skills and experience level to	production on 9/1/2022. No post-						
		may continue to face	were due to multi-faceted	stated these are the most impactful defects	ensure they meet BHA support	deployment defects were identified						
		impactful system	quality issues were individually	discovered to date.	requirements.	following this release which is the first						
		defects.	addressed during this reporting		Perform revenue neutrality fiscal	occurrence in at least the last five releases.						
			period. IV&V notes that there is		balance testing on a quarterly	IV&V will continue to monitor this medium						
			one remaining defect still being		basis to ensure revenues are as	exposure issue.						
			evaluated that affects a limited		expected.	08/31/2022 - A formal Root Cause Analysis						
			number of claims. Overall, the		Assign dedicated resources to	(RCA) was conducted in early August for						
			Project Team has responded		provide oversight of CAMHD	R3.25 critical defects. Most of the critical						
											l l	
1 1			with a commitment to increase		Fiscal Processes.	defects were attributed to deployment						
			project quality and is in the		Monitor implemented	issues which require additional analysis to						
			project quality and is in the process of identifying		Monitor implemented improvements for effectiveness.	issues which require additional analysis to determine the source of these issues. IV&V						
			project quality and is in the process of identifying improvements to associated		Monitor implemented improvements for effectiveness. IV&V recommends performing an	issues which require additional analysis to determine the source of these issues. IV&V will continue to monitor this medium						
			project quality and is in the process of identifying improvements to associated testing processes. These		Monitor implemented improvements for effectiveness. IV&V recommends performing an RCA in collaboration with RSM	issues which require additional analysis to determine the source of these issues. IV&V will continue to monitor this medium criticality finding.						
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15.00	10/5/2020	Olijeana of Computies and	The president method its intent to	Default	Default	01/21/2021 The preject has made great	Targeted KT	Preliminary	N/A	Closed	Dawaa Maadaaald	The musicest has
15.00	10/5/2020	Usage of Semantics and IDM for development	The project noted its intent to obtain more targeted	Default	Derault	01/31/2021 - The project has made great strides addressing this concern. A	Targeteu Ki	Concern	IN/A	Cioseu	Darren Macdonald	made good
		and ongoing	knowledge transfer of both the			Semantics Layer KT session was conducted		Concern				progress
		maintenance of the	Semantics Reporting and IDM			on 1/29/21 and multiple IDM and Semantic						establishing and
		system requires BHA to	tools. IV&V will continue to									initial execution of
		take a proactive	monitor this concern.			Layer sessions has been scheduled in February. IV&V is closing this finding as we						the IDM and
		approach to support of	monitor this concern.			no longer view this item as a						Semantics Layer
		these tools.				<u> </u>						KT plan.
		these tools.				concern.12/31/2020 - IV&V is aware that an overview of the Semantics Layer KT session						Ki piali.
						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 planning and scheduling				-1 1		
16.00	10/27/2020	The bandwidth of	CAMHD has been provided with	CAMDH Leadership participation in key	IV&V recommends CAMHD look	06/30/2021 - As anticipated, the CAMHD	Project Management	Risk	N/A	Closed	Darren Macdonald	I I
16.00	10/27/2020	CAMHD Leadership is	an approval to commence	activities could be significantly hindered by	for opportunities to augment the	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has		Risk	N/A	Closed		Leadership time
16.00	10/27/2020	CAMHD Leadership is being hampered by	an approval to commence planning efforts for expansion of	activities could be significantly hindered by the flood of activities that could occur as the	for opportunities to augment the management staffing for planning	06/30/2021 - As anticipated, the CAMHD Leadership time dedicated to the Project has returned to normal and expected levels. As		Risk	N/A	Closed		Leadership time dedicated to the
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and	an approval to commence planning efforts for expansion of the project for ADAD and AMHD	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the	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.		Risk	N/A	Closed		Leadership time dedicated to the project has
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership	activities could be significantly hindered by the flood of activities that could occur as the	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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, instead of BHA		Risk	N/A	Closed		Leadership time dedicated to the project has returned to
16.00	10/27/2020	CAMHD Leadership is being hampered by planning tasks and activities for assessing project expansion to	an approval to commence planning efforts for expansion of the project for ADAD and AMHD & HSH. CAMHD Leadership currently spends 25% of their available time dedicated to this	activities could be significantly hindered by the flood of activities that could occur as the department assesses expansion of this	for opportunities to augment the management staffing for planning	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		Risk	N/A	Closed		Leadership time dedicated to the project has returned to

47.00	44/20/202		I=1 .5.4 101	D ()	luone Lui Lui	00/04/0004 71 1 5:	D-1 /D1 D		N1 / A	Classid		
17.00	11/30/202	Due to consistent	The IDM and Semantic layer	Default		08/31/2021 -The number of issues requiring	Release/Deployment Pl	Issue	N/A	Closed	Darren Macdonald	The volume of
		technical issues	efforts have experienced several			assistance from Microsoft continues to						interactions
		requiring escalation to	delays attributable to issues		~	remain limited, and as such, IV&V is closing						needed with
		Microsoft, some project	escalated to Microsoft. The		to escalate the priority of these	this finding. 07/31/2021 - While the number						Microsoft remains
		efforts are being	issues have ranged from		tickets as deemed necessary.	of issues requiring assistance from						low and
		delayed.	administrative / communication			Microsoft remains limited, interactions with						manageable. This
			(entering issues into the			Microsoft are increasing again due to the						condition is no
			Commercial support instance vs			interface functionality planned for						longer impeding
			the Government Cloud support			implementation in the current and						project progress.
			instance), to several key			remaining DD&I releases. The FHIR API						, , ,
			technical issues requiring			interface has required multiple interactions						
			assistance to resolve. To date,			with Microsoft that have resulted in						
			these support needs have added			unplanned schedule slippages for the FHIR						
			over a month to the IDM and			API implementation. IV&V will continue to						
						· ·						
			Semantic Layer project			monitor this finding. 06/30/2021 - The						
			schedules.			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	12/31/202	0 Due to on-going	There have been several defects	Repeatable documented release and	Ensure there are adequate and	09/30/2022 - The R3.26 release was	Release/Deployment Pl	Issue	High	Open	Darren Macdonald	
	,,											
		deployment processes		I .				10540	0		Dan en macaonara	
		deployment processes	pushed to production with	deployment will help ensure that mistakes	qualified resources to support the	deployed to production on 9/1/2022, using		.5540	o o		zan en macaonara	
		and technical execution	pushed to production with Phase 3 releases. Some of the	deployment will help ensure that mistakes are minimized, and that functionality is not	qualified resources to support the current deployment processes.	deployed to production on 9/1/2022, using the patch deployment methods. The	, , , , , , , , , , , , , , , , , , , ,	issue	Ü			
		and technical execution issues, the Project may	pushed to production with Phase 3 releases. Some of the defects introduced to	deployment will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments	qualified resources to support the current deployment processes. This may require the support	deployed to production on 9/1/2022, using the patch deployment methods. The upcoming R3.27 and R3.28 releases will	, , , , , , , , , , , , , , , , , , , ,		5		2011 211 111 111 111 111	
		and technical execution issues, the Project may continue to encounter	pushed to production with Phase 3 releases. Some of the defects introduced to production have been narrowed	deployment will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments	qualified resources to support the current deployment processes. This may require the support from RSM resources to provide	deployed to production on 9/1/2022, using the patch deployment methods. The upcoming R3.27 and R3.28 releases will require full solution upgrades (FSU) for	, , ,		Ü			
		and technical execution issues, the Project may continue to encounter defects and challenges	pushed to production with Phase 3 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	qualified resources to support the current deployment processes. This may require the support from RSM resources to provide assistance and knowledge	deployed to production on 9/1/2022, using the patch deployment methods. The upcoming R3.27 and R3.28 releases will require full solution upgrades (FSU) for deployment based on their entity contents.		1.05.00	Ü			
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		and technical execution issues, the Project may continue to encounter defects and challenges in meeting projected timelines for production and non-production	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	deployment will help ensure that mistakes are minimized, and that functionality is not mistakenly deprecated when deployments	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. 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. As appropriate, consult with RSM on best practices that BHA could employ to support deployment. Request the assistance of the RSM Solution Architect in reviewing and correcting issues associated with consistency of the configurations across	deployed to production on 9/1/2022, using the patch deployment methods. The upcoming R3.27 and R3.28 releases will require full solution upgrades (FSU) for deployment based on their entity contents. FSUs have historically been quite challenging for the project, inferring that this may increase risk to these releases. To help mitigate the risk, BHA continues to collaborate with Microsoft and RSM on deployment best practices. While BHA continues to increase their learning, they acknowledge that there are still several unknowns in terms of applying those practices. The team's knowledge gaps for repeatable deployment activities are not fully understood. The R3.27 FSU was successfully moved to the test environment prior to the end of September, and the production promotion is planned for mid-October. IV&V will continue to monitor this high exposure issue. 08/31/2022 - The current R3.26 release was planned to be a Full Solution Upgrade (FSU)						

19.00	3/28/2021 The pending RSM contract expiration will require BHA to perform transition of the D365 solution to the State prior to contract end.	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 transition off of vendor support approaches.	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.	Preliminary Concern	N/A	Closed	Vic Dudoit	The RSM amendments were fully executed in May 2021.
20.00	4/30/2021 The DDD Project Manager will be on leave and unavailable to the project starting in May.	duties on behalf of DDD and her absence may cause an increased level of risk to the project. DDD	The DDD Project Manager is critical to all daily project interactions affecting DDD from a functional and managerial perspective. If her duties are not re-assigned 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.	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	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.	Issue	N/A	Closed	Darren Macdonald	The DDD Project Manager has returned from her leave, fully mitigating this issue.

21.0	امما	6/20/2021	Unplanned rework may	The combined values of	Delegge defect meeting for conferenced recogniti	Dod. on the amount of configured	00/20/2022 The defect researches of USBs	Droject Management	laarra	Medium	Open	Darren Macdonald	
21.0	00	0/30/2021	have an impact on	The continued volume of unplanned rework may have an	has been 30-40% of the total USPs for the	rework by continuing to focus on	09/30/2022 - The defect percentage of USPs deployed to production climbed again in	Project Management	Issue	ivieuluiii	Ореп	Darren Macdonald	
			delivering DDI	impact on delivering planned	last few releases.	quality improvement measures.	September. R3.26 had an estimated velocity						
			_	DDI functionality with only 4	last lew releases.	Strive for defect performance	of 90 USPs, and 77 USPs were promoted to						
			of the DDI period.	possible DDI releases remaining		metric not to exceed 20% of all	production. Thirty-two percent (32%) of all						
			or the bbi period.	for completion.		user story points in any given	USPs in R3.26 were attributable to defects,						
				Tor completion.		release.	while 68% of the total USPs were associated						
						release.	with planned user stories and requests. This						
							September metric falls short of the target of						
							no more than 20% of the total USPs						
							promoted during the month. IV&V will						
							continue to monitor this medium criticality						
							finding.						
							08/31/2022 - There were no planned						
							releases for the month of August and						
							consequently no velocity or defect metrics						
							to report this month. IV&V will report out						
							these metrics in our September status						
							report.						
							07/31/2022 - 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.						
							06/30/2022 - The defect percentages for						
							R3.24 were improved in June; however, the						
22.0	00	7/30/2021	The project schedules	The FHIR interface and CAFAS	Weekly RSM Status Report	Extend the current DDI timeframe	09/30/2022 - 'Big Boulder' prioritized	Project Management	Issue	High	Open	Darren Macdonald	
			for 'big boulder'	interface are currently at risk of		to allow for the completion of	features/functionality implementation					1	
						to anow for the completion of						I	
			interface functionality	not making the planned R3.17		'big boulder' interfaces	schedules continued to slide and change						
			interface functionality development are	· · · · · · · · · · · · · · · · · · ·									
			1	not making the planned R3.17		'big boulder' interfaces	schedules continued to slide and change						
- [development are	not making the planned R3.17 release. The Single Sign on		'big boulder' interfaces functionality development.	schedules continued to slide and change priority during September. While staffing						
			development are	not making the planned R3.17 release. The Single Sign on components of the HHIE		'big boulder' interfaces functionality development. BHA to add more resources to	schedules continued to slide and change priority during September. While staffing was increased, velocity fell far short of						
			development are	not making the planned R3.17 release. The Single Sign on components of the HHIE interface are also currently at		'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big	schedules continued to slide and change priority during September. While staffing was increased, velocity fell far short of expectations for R3.27. The planned project						
			development are	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		'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big	schedules continued to slide and change priority during September. While staffing was increased, velocity fell far short of expectations for R3.27. The planned project velocity was 330 USPs for R3.27, however,						
			development are	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		'big boulder' interfaces functionality development. BHA to add more resources to support the development of "big	schedules continued to slide and change priority during September. While staffing was increased, velocity fell far short of expectations for R3.27. The planned project velocity was 330 USPs for R3.27, however, the latest statistics indicate that the total						
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23	3.00 7		The current DDI period		Existing contractual agreements.	Obtain IAPDU approval from		Project Management	Issue	Low	Closed	Darren Macdonald	
			expires at the end of	Model shows a planned		CMS.	Federal partners in early February, which						
		[0	December 2021 which	reduction in RSM resources			extended the DD&I effort through October						
		V	will require RSM to	support starting in September			2022. Transition from RSM will not be						
		t	transition of the D365	2021 through December 2021.			required until approximately August 2022.						
		s	solution to the State	Prior to this timeframe, BHA			Based on the extended time being available						
		ļ,	prior to contract end.	should commence the			for transition efforts, IV&V is closing this						
				development of a transition plan			finding.						
				to ensure the appropriate			01/31/2022 - There were no substantive						
				replacement State resources are			changes to this finding observed during						
				identified/secured and the			January as BHA continues to pursue CMS						
				necessary knowledge transfer			Federal funding approval for extending						
				sessions are planned and			DD&I through October 2022 followed by						
				executed with RSM. BHA will			M&O through September 2024. IV&V will						
				need to be sure they are ready			continue to monitor this finding until						
				to take on the development of			Federal funding approved.						
				user stories, testing,			12/31/2021 - There were no substantive						
				deployment, and the support			changes to this finding observed during						
				and maintenance of the entire			December as BHA continues to pursue CMS						
				system by the end of the DDI			Federal funding approval for extending						
				period (December 2021).			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						
							the funding request for extending DD&I						
24	4.00 10	1/29/2021	The R3.19 Solution	Solution upgrades are essential	Daily Scrum Reporting	Ensure there are adequate and	11/30/2021 - R3.19 was promoted to	Project Management	Issue	High	Closed	Darren Macdonald	Technical issue
-	10,			for keeping the system current	bany scram reporting	· '	production as an FSU on 11/14/2021 and	i roject wanagement	13346	1.1.6.1	ciosca		resolved and were
			are delaying the				-					l.	
				lin order to gain access to new		Icurrent Solution Ungrade	laccess to the development and test						attributed to the
				in order to gain access to new		current Solution Upgrade	access to the development and test						attributed to the
		i	implementation of the	features that enhance		processes. This may require the	environments was again restored. Because					f	following:
		i r	implementation of the release and the ability	features that enhance productivity, eliminate		processes. This may require the support from RSM resources to	environments was again restored. Because the solution upgrade was the first in five (5)					f •	following: Import of
		i r f	implementation of the release and the ability for staff to develop and	features that enhance productivity, eliminate bottlenecks and govern sensitive		processes. This may require the 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 •	following: • Import of solution taking 1-2
		i r f	implementation of the release and the ability	features that enhance productivity, eliminate bottlenecks and govern sensitive information. The current R3.19		processes. This may require the 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 hours, timed out
		i r f	implementation of the release and the ability for staff to develop and	features that enhance productivity, eliminate bottlenecks and govern sensitive information. The current R3.19 solution upgrade work efforts		processes. This may require the support from RSM resources to provide assistance and knowledge transfer. As appropriate, consult with RSM	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 h	following: Import of solution taking 1-2 hours, timed out in PROD, so had to
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25.00	project governance structure is impeding decision-making procedures and overall leadership cohesiveness.	The impact of poor project governance can lead to: •Untimely and/or uninformed decision-making •Project delays and overruns •Breakdown in communications and collaboration •An erosion of project team trust	•	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	governance process for the project. IV&V will continue to monitor the governance	Project Management	Issue	Medium	Work In Progress	Vic Dudoit	
26.00	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.	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.		Project Management	Preliminary Concern	N/A	Open	Vic Dudoit	
27.00	expires at the end of October 2022 which will require RSM to	Efforts to submit an IAPDU to pursue CMS Federal funding approval for extending DD&I through May 2023 have been stalled as a result of claims invoicing discrepancies.	DHS/MQD identified discrepancies with invoicing BHA claims which they are reconciling prior to the submission of an IAPDU.	DHS to reconcile current claims invoicing discrepancies.	09/30/2022 - Efforts to submit an IAPDU to pursue CMS Federal funding approval for extending DD&I through May 2023 have progressed in September and BHA plans on submitting the IAPDU to CMS in early October. If the IAPDU is not approved by the end of October, the project will be at major risk.	Project Management	Risk	High	Open	Vic Dudoit	

28.00	9/30/202	The DDD Product Owner	The absence of the current DDD	DDD Product Owner announced her	IV&V recommends a formal	Project Management	Issue	High	Open	Vic Dudoit	
		resigned her position in	Product Owner will cause major	departure in September 2022 for early	transition plan be fully defined						
		September and will	challenges for DDD as she wore	October.	and executed prior to the DDD						
		transition off the project	multiple hats and is responsible	DDD Product Owner wears multiple hats	Product Owner departure.						
		in early October.	for many aspects of the day-to-	supporting both business and administrative	IV&V recommends DDD seek						
			day work from both an	functions.	(internal/external) multiple staff						
			administrative and business		to replace the DDD Product						
			perspective.		Owner for each role served.						
					IV&V recommends DDD consider						
					soliciting contracted staff to fill						
					the immediate gaps with the DDD						
					Product Owner's departure.						