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# Business Case

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## Section A: Investment Summary Information

Investment Name	Unique Investment Identifier
Census - Economic Census and Surveys	006-000400700

### Investment Description

The Economic Censuses and Surveys program is a mixed life cycle investment, supporting statistical programs that count and profile U.S. businesses and government organizations.

Agency		Point of Contact	
Department of Commerce		Andre Mendes - CIO	
		email	202-482-4797
Investment Type		Bureau	
Major IT Investments		Bureau of the Census	
Mission Support		Shared Service Category	
Not Applicable		Not Applicable	
Shared Service Identifier			
Not Applicable			
Date Investment First Submitted		Date of Last Investment Detail Update	
09/20/2021		05/31/2022	

## Section B: Investment Detail

1. Briefly describe the investment's return on investment, including benefits internal and external to the government and outcomes achieved or planned.
- The Economic Census and Surveys IT Investment is primarily steady state, of which consists of Reimbursable Surveys support which is a part of the lifecycle costs and project activities. The Development, Modernization and Enhancement (DME)

project activities and Operational and Maintenance (O&M) project activities are a major part of the Economic IT Investment lifecycle costs. The life cycle scope is limited to the current and future IT requirements and costs through FY2023 for providing the Economic IT Investment support for the Economic Census and Surveys portfolio. Innovative assessments and technologies are leveraged to enhance data gathering, processing and analytics for the Economic IT systems and applications. Legacy systems and technical infrastructure are modernized with the resources with return on investment (ROI) for the Economic IT Portfolio and Business Case.

## Section C: Investment and Contracts

### Public URLs

- <http://www.census.gov/foreign-trade/data/index.html>
- <http://www.census.gov/foreign-trade/statistics/historical/>
- [http://www.census.gov/manufacturing/m3/about\\_the\\_surveys/index.html](http://www.census.gov/manufacturing/m3/about_the_surveys/index.html)
- <http://www.census.gov/manufacturing/m3/index.html>
- [http://www.census.gov/construction/c30/about\\_the\\_survey.html](http://www.census.gov/construction/c30/about_the_survey.html)
- <http://www.census.gov/construction/c30/c30index.html>
- <http://www.census.gov/econ/>
- <http://www.census.gov/econ/progoverview.html>
- <http://www.census.gov/econ/survey.html>
- <https://www.census.gov/programs-surveys/economic-census.html>
- <http://www.census.gov/govs/>
- <http://bhs.econ.census.gov/bhs/index.html>
- <http://www.census.gov/econ/economywide.html>
- [http://www.youtube.com/watch?feature=player\\_embedded&v=KdkcNJ3FwgE](http://www.youtube.com/watch?feature=player_embedded&v=KdkcNJ3FwgE)
- <http://www.youtube.com/playlist?list=PL990EC38D8CCA1C25&feature=plc p>
- <http://www.census.gov/econ/currentdata/>
- <https://www.census.gov/economic-indicators/>
- <https://www.census.gov/construction/nrc/index.html>
- <https://www.census.gov/mtis/index.html>
- <https://www.census.gov/retail/index.html>
- <https://www.census.gov/wholesale/index.html>
- <https://www.census.gov/foreign-trade/index.html>
- <https://www.census.gov/manufacturing/m3/index.html>
- <https://www.census.gov/construction/c30/c30index.html>
- <https://www.census.gov/housing/hvs/index.html>
- <https://www.census.gov/econ/indicators/index.html>
- <https://www.census.gov/retail/index.html#marts>
- <https://www.census.gov/econ/wholesale.html>
- <https://www.census.gov/services/index.html>
- <https://www.census.gov/econ/qfr/>
- <https://www.census.gov/econ/manufacturing.html>
- <https://www.census.gov/eos/www/naics/>

### Contracts

- 1333LB19F00000563
- 1333LB19F00000320
- 1333LB18P00000130
- 1333LB19F00000610
- 1333LC20C00000014
- 1333LC21C00000023
- 1333LB21P00000120
- 1333LC21C00000018
- 1333LB21F00000294
- 1333LB21F00000320

## Section D: Historic CIO Rating

CIO Rating	Date	Comments
4	Jun 28, 2022	The Economic Censuses and Surveys program is a mixed life cycle investment and continues to support statistical programs that count and profile U.S. businesses and government organizations. ECON investment accomplishments include: DIPSE Redesign initiated work on Survey Unit Basic Update and Undeliverable as Addressed and initiated work on Angular and Java software upgrades. The DIIPSE team also continued development of Electronic Workflow Application and Affiliation Sold and completed bug fixes from QA and UAT testing. During Sprint 8, the TSAR Redesign development team is adding auditing info, implementing role-based privileges and onboarding MWTS users to test environment in preparation of July production deployment. The investment is executing as expected.
4	May 27, 2022	The Economic Censuses and Surveys program is a mixed life cycle investment and continues to support statistical programs that count and profile U.S. businesses and government organizations. ECON investment accomplishments include: continuing with the DIPSE and TSAR Redesign updates. Project activities reported are continuing as planned and scheduled. The investment is executing as expected.
4	Apr 27, 2022	The Economic Censuses and Surveys program is a mixed life cycle investment and continues to support statistical programs that count and profile U.S. businesses and government organizations. ECON investment accomplishments include: DIPSE Redesign FY22 completed requirements updates and bug fixes on 6 modules and continued work on Multiple Data Corrections module. TSAR Redesign progressed on Sprint #6 and added data point visualization to TSAR Series Table view screen. TSAR also designed and implemented Universal Data model across all surveys and is currently working on automating migration of Legacy users into CAMS to allow access to Enhanced TSAR. The investment is executing as expected.
4	Mar 29, 2022	The Economic Censuses and Surveys program is a mixed life cycle investment and continues to support statistical programs that count and profile U.S. businesses and government organizations. ECON investment accomplishments include: continued with the DIPSE and TSAR Redesign updates. Project activities reported are continuing as planned and scheduled. The investment is executing as expected.
4	Feb 24, 2022	The Economic Censuses and Surveys program is a mixed life cycle investment and continues to support statistical programs that count and profile U.S. businesses and government organizations. ECON investment accomplishments include: DIPSE Redesign FY22 completed requirements updates and bug fixes on 14 modules. The team also initiated work on Multiple Non-Data Corrections. The TSAR Redesign FY22 Sprint 5 development team continued to work on the 'in house' application programming interface (API). The investment is executing as expected.
4	Jan 27, 2022	The Economic Censuses and Surveys program is a mixed life cycle investment and continues to support statistical programs that count and profile U.S. businesses and government organizations. ECON investment accomplishments include: DIPSE Redesign FY22: DIPSE Redesign FY22 completed development of Search for Add, Multiple Data Corrections, and Enterprise Delete. The TSAR Redesign FY22 completed Sprint 4 and began reviewing an in-house alternative for Dream Factory to create an application programming interface (API) for the user interface. Project activities reported are continuing as planned and scheduled. The investment is executing as expected.
4	Nov 30, 2021	The Economic Censuses and Surveys program is a mixed life cycle investment and continues to support statistical programs that count and profile U.S. businesses and government organizations. ECON investment's accomplishments include continuing with the DIPSE and TSAR Redesign updates. Project activities reported are continuing as planned and scheduled. The investment is executing as expected.
4	Oct 27, 2021	The Economic Censuses and Surveys program is a mixed life cycle investment, and continues to support statistical programs that count and profile U.S. businesses and government organizations. Accomplishment: Investment completed all planned accomplishments this month. The DIPSE and TSAR Redesign projects are mostly meeting cost, schedule, and performance goals. The investment is executing as expected.
4	Sep 28, 2021	The Economic Censuses and Surveys program is a mixed life cycle investment, supporting statistical programs that count and profile U.S. businesses and government organizations. Accomplishment: Investment completed all planned accomplishments this month. The DIPSE and TSAR Redesign projects are meeting cost, schedule, and performance goals. ECON is current on: Project schedule reporting and Operational metric actuals. Executing as expected.

Data Last Updated On: 06/30/2022

## Section E: Investment Spending

**Table 1: Distribution by Spending Type**

Spending Type	PY 2021	CY 2022	BY 2023
DME Costs	4.658199	3.698402	18.88054
O&M Costs	78.61402	61.752753	47.405762
Total	83.272219	65.451155	66.286302

**Table 2: Distribution by Cost Pools**

Cost Pools	PY 2021	CY 2022	BY 2023
Internal Labor	49.09691	46.776089	45.54472
External Labor	33.893309	16.698922	16.539054
Outside Services	0	0	0.351016
Hardware	0	0.625	0

Cost	Cost Pools	PY 2021	CY 2022	BY 2023
	Software	0.282	1.351144	3.851512
	Facilities & Power	0	0	0
	Telecom	0	0	0
	Other	0	0	0
	Internal Services	0	0	0
	Totals	83.272219	65.451155	66.286302

Cost in millions (M)

Table 3: Distribution by IT Towers				
IT Towers	IT Tower	PY 2021	CY 2022	BY 2023
	Security & Compliance	1.736119	2.897037	1.966358
	IT Management	0	2.798358	1.646977
	Network	0	0	0
	Data	0	0	0
	Compute	0	0.558541	0.877691
	Storage	0	0	0.3
	End User	0	0	0
	Output	0	0	0
	Application	81.5361	53.924765	56.511866
	Delivery	0	3.108437	2.865891
	Platform	0	2.164017	2.117519
	Data Center	0	0	0
	Totals	83.272219	65.451155	66.286302

Cost in millions (M)

Data Last Updated On: 05/31/2022

Section F: Project and Activities Detail

Table 1: Project Details								
Project Name	Project UID	Status	Project Life Cycle Cost (\$M)	Cost Variance (%)	Start Date	End Date	Schedule Variance (%)	Schedule Variance (Days)
Time Series Analytic Repository (TSAR) Redesign FY21	4007P21003	Complete	0.83	50	2021-04-22	2021-09-30	0	0
Directory Interactive Problem Solving Environment (D-IPSE) Redesign FY21	4007P21002	Complete	3.66	8.9	2020-10-01	2021-09-30	0	0
COMET Questionnaire Design and Metadata (QDM) Redesign FY21	4007P21001	Complete	1.69	3.3	2020-10-01	2021-09-30	1.4	1.4
Time Series Analytic Repository (TSAR) Redesign FY22	4007D22004	In Progress	0.32	5.6	2021-10-01	2022-09-30	0	0
Directory Interactive Problem Solving Environment (D-IPSE) Redesign FY22	4007D22003	In Progress	3.38	5.5	2021-10-01	2022-09-30	0	0

LowMediumHigh

Table 2: Activity Details											
Unique Project ID	Activity Name	Activity Description	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Cost (\$M)	Projected Total Cost (\$M)	Actual Total Cost (\$M)

Unique Project ID	Activity Name	Activity Description	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Cost (\$M)	Projected Total Cost (\$M)	Actual Total Cost (\$M)
4007P21003	Requirements Phase 1	Develop and Validate Technical and Security Requirements.	2021-05-01	2021-05-01	2021-05-01	2021-08-31	2021-07-31	2021-07-31	0.15	0.100289	0.1
4007P21003	Infrastructure Setup	Acquire, build, and configure infrastructure environment	2021-04-22	2021-04-22	2021-04-22	2021-07-31	2021-07-31	2021-07-31	0.05	0.033439	0.03
4007P21003	Requirements Phase 2	Develop and Validate Technical and Security Requirements.	2021-05-01	2021-05-01	2021-05-01	2021-08-31	2021-07-31	2021-07-31	0.16	0.109494	0.11
4007P21003	Development-Sprint 1	Develop & Test Technical Solution.	2021-08-01	2021-08-01	2021-08-01	2021-08-31	2021-08-31	2021-08-31	0.16	0.030596	0.03
4007P21003	Design Technical Strategy	Develop Technical Strategy. Identify Product Roadmap	2021-06-01	2021-06-01	2021-06-01	2021-07-31	2021-07-31	2021-07-31	0.16	0.103747	0.1
4007P21003	Development-Sprint 2	Develop & Test Technical Solution.	2021-09-01	2021-09-01	2021-09-01	2021-09-30	2021-09-30	2021-09-30	0.16	0.035672	0.04
4007P21002	Milestone 4 October modules development and previous modules bug fix. Complete styling upgrades.	Complete styling upgrades, initiate work on Establishment Full Update and Data Capture Load Notepad. Complete work on Notepad.	2020-10-01	2020-10-01	2020-10-01	2020-10-30	2020-10-30	2020-10-30	0.31	0.27832	0.28
4007P21002	Milestone 4 November modules development and previous modules bug fix. Establishment Full Update.	Establishment Full Update, part 2, complete Data Capture Load Notepad, start on Search with Enterprise, Linkage History, and Referral Display.	2020-11-01	2020-11-01	2020-11-01	2020-11-30	2020-11-30	2020-11-30	0.28	0.251238	0.25
4007P21002	Milestone 4 December modules development and previous modules bug fix. Complete Establishment Full	Complete Establishment Full Update and Search Within Enterprise. Start ENT NAICS Sector Display, work on Linkage History part 2 and Referral Display part 2.	2020-12-01	2020-12-01	2020-12-01	2020-12-31	2020-12-31	2020-12-31	0.32	0.308985	0.27
4007P21002	Milestone 5 January modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2021-01-01	2021-01-01	2021-01-01	2021-01-29	2021-01-31	2021-01-31	0.28	0.276185	0.28

Unique Project ID	Activity Name	Activity Description	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Cost (\$M)	Projected Total Cost (\$M)	Actual Total Cost (\$M)
4007P21002	Milestone 5 February modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2021-02-01	2021-02-01	2021-02-01	2021-02-26	2021-02-28	2021-02-28	0.28	0.271489	0.27
4007P21002	Milestone 5 March modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2021-03-01	2021-03-01	2021-03-01	2021-03-31	2021-03-31	2021-03-31	0.34	0.306714	0.31
4007P21002	Milestone 6 April modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2021-04-01	2021-04-01	2021-04-01	2021-04-13	2021-04-13	2021-04-13	0.13	0.131367	0.12
4007P21002	Milestone 6 April modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2021-04-14	2021-04-14	2021-04-14	2021-04-30	2021-04-30	2021-04-30	0.19	0.189753	0.18
4007P21002	Milestone 6 May modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2021-05-01	2021-05-01	2021-05-01	2021-05-31	2021-05-31	2021-05-31	0.29	0.291927	0.29
4007P21002	Milestone 6 June modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2021-06-01	2021-06-01	2021-06-01	2021-06-30	2021-06-30	2021-06-30	0.32	0.32112	0.29
4007P21002	Milestone 7 July modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2021-07-01	2021-07-01	2021-07-01	2021-07-30	2021-07-30	2021-07-30	0.31	0.25729	0.26
4007P21002	Milestone 7 August modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2021-08-01	2021-08-01	2021-08-01	2021-08-31	2021-08-31	2021-08-31	0.32	0.252687	0.25
4007P21002	Milestone 7 September modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2021-09-01	2021-09-01	2021-09-01	2021-09-30	2021-09-30	2021-09-30	0.31	0.306524	0.3

Unique Project ID	Activity Name	Activity Description	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Cost (\$M)	Projected Total Cost (\$M)	Actual Total Cost (\$M)
4007P21001	Documentation, Team Collaboration and Continuous Monitoring Work for QDM PI-03; Sprint QDM 03.4.	Documentation, Team Collaboration and Continuous Monitoring Work for QDM PI-03; Sprint Production Release 1.1, Electronic Instruments, Electronic Blocks, Electronic Screens, Resolve defects; Documentation, Team Collaboration.	2020-10-01	2020-10-01	2020-10-01	2020-10-30	2020-10-30	2020-10-30	0.14	0.115023	0.12
4007P21001	Documentation, Team Collaboration and Continuous Monitoring Work for QDM PI-04; Sprint QDM 04.1.	Documentation, Team Collaboration and Continuous Monitoring Work for QDM PI-04; Sprint QDM 04.1 for Resolve Defects, Electronic Instruments, Blocks, Screen Preview, CK Editor, Change to Server-Side Queries; Sprint QDM 04.2 for Text Blocks, Help Text,	2020-11-01	2020-11-01	2020-11-12	2020-11-30	2020-11-30	2020-11-30	0.13	0.124349	0.12
4007P21001	Documentation, Team Collaboration and Continuous Monitoring Work for QDM PI-04; Sprint QDM 04.2.	Documentation, Team Collaboration and Continuous Monitoring Work for QDM PI-04; Sprint QDM 04.2; Sprint QDM 04.3; Sprint QDM PI-04 Build Day; Sprint QDM 04.4	2020-12-01	2020-12-01	2020-12-01	2020-12-31	2020-12-31	2020-12-31	0.15	0.146381	0.15
4007P21001	Documentation, Team Collaboration and Continuous Monitoring Work for QDM PI-04; Sprint QDM 04.4.	Documentation, Team Collaboration and Continuous Monitoring Work for QDM PI-04; Sprint QDM 04.4; Documentation, Team Collaboration and Continuous Monitoring Work for QDM PI-05; Sprint QDM 05.1	2021-01-01	2021-01-01	2021-01-01	2021-01-29	2021-01-31	2021-01-31	0.13	0.13829	0.14

Unique Project ID	Activity Name	Activity Description	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Cost (\$M)	Projected Total Cost (\$M)	Actual Total Cost (\$M)
4007P21001	Documentation, Team Collaboration and Continuous Monitoring Work for QDM PI-05; Sprint QDM 05.1; Spr QDM 05.2	Documentation, Team Collaboration and Continuous Monitoring Work for QDM PI-05; Sprint QDM 05.1; Sprint QDM 05.2	2021-02-01	2021-02-01	2021-02-01	2021-02-26	2021-02-28	2021-02-28	0.13	0.139965	0.14
4007P21001	Documentation, Team Collaboration and Continuous Monitoring Work for QDM PI-05; Sprint QDM 05.2; Spr QDM 05.2; Spr	Documentation, Team Collaboration and Continuous Monitoring Work for QDM PI-05; Sprint QDM 05.2; Sprint QDM 05.3; Sprint QDM PI-05 Build Day; Sprint QDM 05.4	2021-03-01	2021-03-01	2021-03-01	2021-03-31	2021-03-31	2021-03-31	0.16	0.19979	0.2
4007D22004	Development-Sprint 4	s4 - Gather Requirements, Develop & Test Technical Solution	2021-11-11	2021-11-11	2021-11-11	2021-12-23	2021-12-23	2021-12-23	0.04	0.036568	0.04
4007D22004	Development-Sprint 3	s3 - Gather Requirements, Develop & Test Technical Solution	2021-10-01	2021-10-01	2021-10-01	2021-11-10	2021-11-10	2021-11-10	0.04	0.033422	0.03
4007D22004	Development-Sprint 6	s6 - Gather Requirements, Develop & Test Technical Solution	2022-02-04	2022-02-04	2022-02-04	2022-03-17	2022-03-17	2022-03-17	0.04	0.037248	0.04
4007D22004	Development-Sprint 7	s7 - Gather Requirements, Develop & Test Technical Solution	2022-03-18	2022-03-18	2022-03-18	2022-04-28	2022-04-28	2022-04-28	0.04	0.037248	0.03
4007D22004	Development-Sprint 8	s8 - Gather Requirements, Develop & Test Technical Solution	2022-04-29	2022-04-29	2022-04-29	2022-06-09	2022-06-09		0.11	0.112803	0
4007D22004	Development-Sprint 9	s9 - Gather Requirements, Develop & Test Technical Solution	2022-06-10	2022-06-10		2022-06-30	2022-06-30		0.02	0.018169	0
4007D22004	Development-Sprint 5	s5 - Gather Requirements, Develop & Test Technical Solution	2021-12-24	2021-12-24	2021-12-24	2022-02-03	2022-02-03	2022-02-03	0.04	0.030802	0.03
4007D22003	Milestone 8: November modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2021-11-01	2021-11-01	2021-11-01	2021-11-30	2021-11-30	2021-11-30	0.27	0.291881	0.29



Unique Project ID	Activity Name	Activity Description	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Cost (\$M)	Projected Total Cost (\$M)	Actual Total Cost (\$M)
4007D22003	Milestone 8: December modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2021-12-01	2021-12-01	2021-12-01	2021-12-31	2021-12-31	2021-12-31	0.28	0.296637	0.3
4007D22003	Milestone 9: March modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2022-03-01	2022-03-01	2022-03-01	2022-03-31	2022-03-31	2022-03-31	0.31	0.335924	0.34
4007D22003	Milestone 9: January modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2022-01-01	2022-01-01	2022-01-01	2022-01-31	2022-01-31	2022-01-31	0.27	0.278999	0.28
4007D22003	Milestone 9: February modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2022-02-01	2022-02-01	2022-02-01	2022-02-28	2022-02-28	2022-02-28	0.26	0.278296	0.28
4007D22003	Milestone 8: October modules development and previous modules bug fix	Continued development of Enterprise Update, Search for Add, Coverage Change Request for BR Analyst, and Multiple Data Corrections. Performed QA testing and bug fixing.	2021-10-01	2021-10-01	2021-10-01	2021-10-31	2021-10-31	2021-10-31	0.27	0.276429	0.28
4007D22003	Milestone 10: April modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2022-04-01	2022-04-01	2022-04-01	2022-04-30	2022-04-30	2022-04-30	0.28	0.283942	0.29
4007D22003	Milestone 11: August modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2022-08-01	2022-08-01		2022-08-31	2022-08-31		0.31	0.310984	0
4007D22003	Milestone 10: June modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2022-06-01	2022-06-01		2022-06-30	2022-06-30		0.28	0.283941	0
4007D22003	Milestone 11: July modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2022-07-01	2022-07-01		2022-07-31	2022-07-31		0.27	0.270421	0

Unique Project ID	Activity Name	Activity Description	Planned Start Date	Projected Start Date	Actual Start Date	Planned Completion Date	Projected Completion Date	Actual Completion Date	Planned Total Cost (\$M)	Projected Total Cost (\$M)	Actual Total Cost (\$M)
4007D22003	Milestone 10: May modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2022-05-01	2022-05-01	2022-05-01	2022-05-31	2022-05-31	2022-05-31	0.28	0.283942	0
4007D22003	Milestone 11: September modules development and previous modules bug fix	Develop modules in scope. Bug fix modules in QA testing from previous milestones.	2022-09-01	2022-09-01		2022-09-30	2022-09-30		0.28	0.283941	0

<b>Table 3: Project Related Details</b>
<div><b>Time Series Analytic Repository (TSAR) Redesign FY21</b><div><div>1. Are information technology investments adequately implementing incremental development methodology? (Y/N)</div><div>2. What is the frequency of incremental development iterations? (ex. 1 month, 3 months, 6 months, 12 months or greater)</div><div>3. Please describe the iterative development methodology being employed. (500 characters or less)</div></div><div></div><div><b>Directory Interactive Problem Solving Environment (D-IPSE) Redesign FY21</b><div><div>1. Are information technology investments adequately implementing incremental development methodology? (Y/N)</div><div>2. What is the frequency of incremental development iterations? (ex. 1 month, 3 months, 6 months, 12 months or greater)</div><div>3. Please describe the iterative development methodology being employed. (500 characters or less)</div></div><div></div><div><b>COMET Questionnaire Design and Metadata (QDM) Redesign FY21</b><div><div>1. Are information technology investments adequately implementing incremental development methodology? (Y/N)</div><div>2. What is the frequency of incremental development iterations? (ex. 1 month, 3 months, 6 months, 12 months or greater)</div><div>3. Please describe the iterative development methodology being employed. (500 characters or less)</div></div><div></div><div><b>Time Series Analytic Repository (TSAR) Redesign FY22</b><div><div>1. Are information technology investments adequately implementing incremental development methodology? (Y/N)<div>Yes</div></div><div>2. What is the frequency of incremental development iterations? (ex. 1 month, 3 months, 6 months, 12 months or greater)<div>Weeks</div></div><div>3. Please describe the iterative development methodology being employed. (500 characters or less)<div>Agile with six week release cycles</div></div></div></div></div></div></div>

**Directory Interactive Problem Solving Environment (D-IPSE) Redesign FY22**

1. Are information technology investments adequately implementing incremental development methodology? (Y/N)

**Yes**

2. What is the frequency of incremental development iterations? (ex. 1 month, 3 months, 6 months, 12 months or greater)

**Weeks**

3. Please describe the iterative development methodology being employed. (500 characters or less)

**Agile with two week release cycles**

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