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# **Business Case**

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## **Section A: Investment Summary Information**

Investment Name Unique Investment Identifier

Census - Center for Enterprise Dissemination Services and Consumer Information (CEDSCI).

006-000403900

### **Investment Description**

CEDSCI is a program with one project. The project is the development of a modernized platform that disseminates Census data in an efficient technological manner. The program is responsible for both the development project plus using the new platform for disseminating Census data.

Agency

**Department of Commerce** 



Point of Contact

**Andre Mendes - CIO** 

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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.

None at this time.

## **Section C: Investment and Contracts**

### **Contracts**

- DOCYA132315BU0014
- DOCYA132315BU0041
- 1333LB20F00000046
- 1333LB20F00000457
- 1333LB21C00000016
- 1333LB22F00000053

# **Section D: Historic CIO Rating**

CIO Rating	Date	Comments
3	Jun 28, 2022	The Program and the CEDSCI EDDE IT Platform project are dedicated to using customer feedback to develop innovative ways to improve customer with improved data and product displays, searches, and downloads accessible from census.gov and on mobile devices. Accomplishments: Released 9 datasets to data.census.gov. Completed Program Increment 43 and Sprint 44.4. The investment still has a risk exposure but has continues to improve in reporting and accomplishments.
3	May 27, 2022	The Program and the CEDSCI EDDE IT Platform project are dedicated to using customer feedback to develop innovative ways to improve customer with improved data and product displays, searches, and downloads accessible from census.gov and on mobile devices. Accomplishments: Released 9 datasets to data.census.gov. 100% complete on program Sprints 42. Completed Sprint 43.1 and progressed on Sprint 43.2. The investment still has a risk exposure but has improved in reporting and accomplishments.
3	Apr 27, 2022	The Program and the CEDSCI EDDE IT Platform project are dedicated to using customer feedback to develop innovative ways to improve customer with improved data and product displays, searches, and downloads accessible from census.gov and on mobile devices. Accomplishments: Released 9 datasets to data.census.gov. Completed program Sprints 42.2 and 42.3, The investment still has a risk exposure but has improved in reporting and accomplishments.
3	Mar 29, 2022	The Program and the CEDSCI EDDE IT Platform project are dedicated to using customer feedback to develop innovative ways to improve customer with improved data and product displays, searches, and downloads accessible from census.gov and on mobile devices. Accomplishments: Completed Sprint 42.1 and Sprint 42.2 is 25%. Program Increment 41 is 100% complete. Program Increment 42 is 20% complete. Released 4 datasets to data.census.gov. The investment still has a risk exposure but has improved in reporting.
3	Feb 24, 2022	The Program and the CEDSCI EDDE IT Platform project are dedicated to using customer feedback to develop innovative ways to improve customer with improved data and product displays, searches, and downloads accessible from census.gov and on mobile devices. Accomplishments: Release to data.census.gov, 4 datasets released. Program Increment 41 is 70% complete. Sprint 41.2, and Sprint 41.3 are 100%. Sprint 41.4 is 7% Complete. The investment still has a risk exposure but has improved in reporting.
3	Jan 27, 2022	The Program and the CEDSCI EDDE IT Platform project are dedicated to using customer feedback to develop innovative ways to improve customer with improved data and product displays, searches, and downloads accessible from census.gov and on mobile devices. Accomplishments: Release to data.census.gov including: 2021 PEP Population Estimates, 2021 PEP National Monthly Population, 2018 ECNSVY Annual Business Survey, 2018 ACS Equal Employment Opportunity 5-Year, 2012 ECN Mining: Detailed Statistics by Type of Operation for the U.S., States, and Offshore Areas, Timeseries ECNSVY Annual Survey of Manufactures Area, Timeseries ECNSVY Annual Survey of Manufactures Value and Timeseries PUB Public Sector Annual Surveys. The investment still has a risk exposure but has improved in reporting.

CIO Rating	Date	Comments
3	Nov 30, 2021	The Program and the CEDSCI EDDE IT Platform project are dedicated to using customer feedback to develop innovative ways to improve customer with improved data and product displays, searches, and downloads accessible from census.gov and on mobile devices. Accomplishments: PI-39 Sprint 39.4 is 100% Completed; PI-40 - Sprint 40.1 is 100% Completed; Released 2 datasets to data.census.gov. The rating is due to risk and inconsistent progress reporting.
3	Oct 28, 2021	The Program and the CEDSCI EDDE IT Platform project are dedicated to using customer feedback to develop innovative ways to improve customer with improved data and product displays, searches, and downloads accessible from census.gov and on mobile devices. Accomplishments - Completed Sprint 39 (39.1, 39.2, 39.3). Release 9 datasets to data.census.gov. The investment risk exposure is under review and may have a higher rating once progress reporting is finalized.
3	Sep 28, 2021	The Program and the CEDSCI EDDE IT Platform project are dedicated to using customer feedback to develop innovative ways to improve customer with improved data and product displays, searches, and downloads accessible from census.gov and on mobile devices. Accomplishments: Sprint 38.3 is Sprint 38.4 is 100% Complete. Released 7 datasets to data.census.gov. CEDSCI is up-to-date on Project Activities, Operational Metrics, and the Risk Register. The investment still has a risk exposure and the method for tracking progress is just being finalized.

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	24.54844	23.73959	38.88375							
O&M Costs	12.65316	17.48943	21.96662							
Total	Total 37.2016 41.22902 60.85037									

Table 2: Distribution by Cost Pools									
Cost Pools	PY 2021	CY 2022	BY 2023						
Internal Labor	20.89457	28.94366	30.38197						
External Labor	14.14432	10.92445	25.30098						
Outside Services	0	0	0						
Hardware	0.52319	0	3.7759						
Software	1.63952	1.36091	1.39152						
Facilities & Power	0	0	0						
Telecom	0	0	0						
Other	0	0	0						
Internal Services	0	0	0						
Totals	37.2016	41.22902	60.85037						

Cost in millions (M)

Table 3: Distribution by IT Towers									
IT Tower	PY 2021	CY 2022	BY 2023						
Security & Compliance	0.38902	0.47772	0.72806						
IT Management	5.53638	6.84382	9.06204						
Network	0	0	0						
Data	0	0	0						
Compute	0.45627	0	0.619						

2	IT Tower	PY 2021	CY 2022	BY 2023
	Storage	0.06692	0	3.1569
- [	End User	0	0	0
•	Output	0	0	0
	Application	26.45941	25.24386	35.81555
	Delivery	4.2936	8.66362	11.46882
	Platform	0	0	0
	Data Center	0	0	0
	Totals	37.2016	41.22902	60.85037

Cost in millions (M)

Data Last Updated On: 05/31/2022

# **Section F: Project and Activities Detail**

Table 1: Project Details										
Project Name  Project Life Cycle Cost Variance (%)  Start Date Scher Variance (%)								Schedule Variance (Days)		
CEDSCI EDDE IT Platform Phase 2 YR3	EDDE IT 7	In Progress	16.25	-14	2021- 10-19	2022- 11-14	0	0		
CEDSCI EDDE IT Platform Phase 2 YR2	EDDE IT 6	Complete	29.23	21	2020- 11-17	2021- 10-18	0	0		

Low Medium High

Table	e 2: Act	ivity 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)
EDDE IT 7	CEDSCI EDDE IT Platform PI-40	Incrementally add new capabilities to the EDDE platform.	2021- 10-19	2021-10- 19	2021- 10-19	2021-12-13	2021-12-13	2021-12-13	2.32	2.322	4.02
EDDE IT 7	CEDSCI EDDE IT Platform PI-41	Incrementally add new capabilities to the EDDE platform.	2021- 12-14	2021-12- 14	2021- 12-14	2022-02- 07	2022-02- 07	2022-02- 07	2.32	4.02	4.02
EDDE IT 7	CEDSCI EDDE IT Platform PI-42	Incrementally add new capabilities to the EDDE platform.	2022- 02-08	2022-02- 08	2022- 02-08	2022-04- 04	2022-04- 04	2022-04- 04	4.02	4.02	4.02
EDDE IT 7	CEDSCI EDDE IT Platform PI-43	Incrementally add new capabilities to the EDDE platform.	2022- 04-05	2022-04- 05	2022- 04-05	2022-05- 30	2022-05- 30	2022-05- 30	4.02	4.02	4.02
EDDE IT 7	CEDSCI EDDE IT Platform PI-44	Incrementally add new capabilities to the EDDE platform.	2022- 05-31	2022-05- 31	2022- 05-31	2022-07- 25	2022-07- 25		4.02	4.02	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)
EDDE IT 7	CEDSCI EDDE IT Platform PI-45	Incrementally add new capabilities to the EDDE platform.	2022- 07-26	2022-07- 26		2022-09-19	2022-09-19		4.02	4.02	0
EDDE IT 7	CEDSCI EDDE IT Platform PI-46	Incrementally add new capabilities to the EDDE platform.	2022- 09-20	2022-09- 20		2022-11-14	2022-11-14		4.02	4.02	0
EDDE IT 6	CEDSCI EDDE IT Platform PI-34	Incrementally add new capabilities to the EDDE platform.	2020- 11-17	2020-11- 17	2020- 11-17	2021-01-11	2021-01-11	2021-01-11	4.87	4.871	3.85
EDDE IT 6	CEDSCI EDDE IT Platform PI-35	Incrementally add new capabilities to the EDDE platform.	2021- 01-12	2021-01- 12	2021- 01-12	2021-03-08	2021-03-08	2021-03-08	4.87	4.871	3.85
EDDE IT 6	CEDSCI EDDE IT Platform PI-36	Incrementally add new capabilities to the EDDE platform.	2021- 03-09	2021-03- 09	2021- 03-09	2021-05-03	2021-05-03	2021-05-03	4.87	4.871	3.85
EDDE IT 6	CEDSCI EDDE IT Platform PI-37	Incrementally add new capabilities to the EDDE platform.	2021- 05-04	2021-05- 04	2021- 05-04	2021-06-28	2021-06-28	2021-06-28	4.87	4.871	3.85
EDDE IT 6	CEDSCI EDDE IT Platform PI-38	Incrementally add new capabilities to the EDDE platform.	2021- 06-29	2021-06- 29	2021- 06-29	2021-08-23	2021-08-23	2021-08-23	4.87	4.871	3.85
EDDE IT 6	CEDSCI EDDE IT Platform PI-39	Incrementally add new capabilities to the EDDE platform.	2021- 08-24	2021-08- 24	2021- 08-24	2021-10-18	2021-10-18	2021-10-18	4.87	4.871	3.85

## **Table 3: Project Related Details**

### **CEDSCI EDDE IT Platform Phase 2 YR3**

**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)

**Days** 

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

Agile

### **CEDSCI EDDE IT Platform Phase 2 YR2**

**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)

**Days** 

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

**Agile** 

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