

2020 Census Program Management Review

Systems-Related Work and Associated Schedule

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Overview

- **The approach to providing systems to support the Decennial Census Program is broken down into three categories.**
 - 1. Reuse of existing systems to support Research and Testing for the 2014 Census Test, and testing in 2015 and 2016**
 - **There are 21 systems that support the 2014 Census Test.**
 - **These systems are existing systems that have been modified to provide the capabilities needed for the 2014 Census Test. Many of these existing systems may be modified to support testing in FY 15 and FY16 but most will either be reengineered or replaced to support the 2020 Census.**

Overview (cont.)

2. **Enterprise initiatives will support the development of the Enterprise systems that will be used for current Surveys and censuses including the 2020 Census**

Terry Galloway, CEDCaP Solutions Architect will discuss CEDCaP

- **The Decennial Program staff is planning with the IT Directorate for Integrated Product Teams, including all stakeholders, to develop the capability and solution requirements for the 2020 Census beginning in Q2 of 2014 .**
- **Decennial Program staff will participate in the development of alternatives analyses for the systems associated with the Enterprise solutions.**
- **In addition, the Enterprise common services will be deployed for example: Service-Oriented Architecture (SOA), Remedy (Help Desk services), Automated Property Management (APMS), CHEC (security clearances and fingerprinting), and VDI for use in the field offices.**

Overview (cont.)

The Enterprise will also provide guidance and policies for:

- **building applications**
- **making Web-Only decisions**
- **Providing a Commercial Mobile Device Strategy (Including BYOD – bring your own device)**

Overview (cont.)

3. The Decennial Program will do alternatives analysis for systems that are specific for 2020 Census only to determine source and prepare for an acquisition strategy if contracting is needed.

- **MARCS - Is the Quality Assurance Re-Interview tool for selecting cases to be re-interviewed during the field enumeration operations.**
- **2020 Census Telephone Solution - Is the solution for 2020 Census including Telephone Questionnaire Assistance (TQA) and inbound respondent data collection. TBD whether there will be any centralized outbound functionality needed to support follow-up operations.**

ICADE - The paper data capture system is part of the CEDCaP initiative and the Decennial Program will do an analysis to determine if ICADE can operationally meet 2020 Census needs.

DAPPS - Is the recruiting and payroll system that has already been chosen to support the 2020 Census Field Staff and perhaps the 2020 Telephone Solution staff. This system will not be replaced. However, DAPPS will undergo reengineering in preparation for the 2020 Census including automating payroll .

2020 Systems Schedules

- Each of the tests in 2014, 2015 , 2016 and 2017 using re-used or modified systems will have their own detailed schedules. The 2014 Census Test Schedule is currently baselined.
- The 2020 Census Tier 2 schedule for systems development includes schedule milestones for all of the systems including the CEDCaP initiative and those systems that will be developed for 2020 Census only.
- The 2020 Census Tier 2 schedule identifies key activities for systems development, testing and readiness. Once the schedules for the CEDCaP systems development is baselined, the 2020 Schedule will have key activities linked to those schedules.
- In order to manage risk associated with the 2020 Census systems readiness, the Decennial program will conduct an ongoing evaluation of each of the projects managing the systems to determine if they are on track to meet 2020 Census needs.

2020 Systems Schedules (cont.)

- **The 2020 Census Schedule includes a Tier 2 activity for each system, based on risk mitigation, that allows for an “off ramp” to begin an alternatives review process. This activity will trigger work to determine if there has to be an alternative solution for a particular Enterprise system for the 2020 Census.**
- **The process for managing the risk associated with systems to the 2020 Census will include 2020 participation in the Integrated Product team for each system, participation in cost reviews, schedule reviews, and Program Management reviews.**
- **In the event that a risk is realized then the IT Directorate and the 2020 Program will initiate the contingencies planned for developing systems to meet 2020 Census needs.**

2020 Census Tier 2 Schedule

Each system supporting the 2020 Census will be represented in the 2020 Census Schedule with Tier 2 activities - for example:

Interview Operational Control System (IOCS)

- 20PCS-31150 - Develop and Test IOCS - 6/23/14 - 1/28/16
- 20PCS-31190 - Deploy and Operate IOCS for Operational Readiness Testing - 1/29/16 - 4/29/16
- 20PCS-33050 - Authorize Decision to Use Contingency Solution for IOCS (If Needed) - 9/23/16
- 20PCS-33050 - Deploy and Operate IOCS for 2020 Production - 7/1/19
9/30/20