2020 Census

January 2017

Monthly Status Report

All information in this report is as of January 31,
unless otherwise stated in the title of the page.

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Key Program Updates

Address Canvassing Test

- A lessons learned session took place on January 5, 2017. During this session, stakeholders from all regions of the Address Canvassing Test supplied areas of the operation where improvement was needed and practices that were a success.

2017 Census Test

- Staff finalized the revisions to the 2017 Census Test Plan as necessitated by the changes in scope.
- Staff conducted the Release C Part 2 Test Readiness Review for Self-Response and Census Questionnaire Assistance.
- Staff conducted the Release C Part 1 Production Readiness Review for Printing and Mailing/Workload. Printing and Mailing/Workload was also released to Go-Live.
- Call agent supervisor training ("train the trainer operations") began in support of staffing and training the call agents.
- Finalized all mail materials that require an Office of Management and Budget (OMB) approval number.
- Created print files for all mail materials.
- Conduct the Operational Readiness Review (ORR) for Release C Part 1 (self-response functionality) for printing and mailing and for Release C Part 2 (Self-Response and CQA).

2018 End-to-End Census Test

- Completed selection and onboarding for Recruiting Assistants (RA) and Partnership Assistants (PA) in all three 2018 End-to-End Census Test locations.
- Submitted OMB (Paperwork Reduction Act) Clearance Package for Address Canvassing to Department of Commerce on January 4, 2017. The 30-day Federal Register Notice was posted on January 10, 2017.

2020 Census Operations

- In support of the Systems Engineering and Integration (SE&I) operation, staff completed the transition of responsibility for creating and maintaining the demand models, planning system scalability, planning performance and scalability testing, and updating the SE&I documents to the 2020 Census Technical Integrator.
- The Technical Integrator (TI) delivered version 3 of the Integration and Implementation Plan.
- The Local Update of Census Addresses (LUCA) IPT completed Geographic Partnership Support Desk (GPSD) training for Regional Office Geographers, held on January 19, 2017, and National Processing Center (NPC) staff, held on January 23, 2017.
- Completed printing and shipping of LUCA Advance Notice materials to tribal, state, and local governments. Completed LUCA website with Advance Notice links and documents. Added to the website were the following links: LUCA map examples, block count lists, geocoder tool, and the LUCA Information Guide.
- With respect to Address Canvassing, as of January 31, 2017, 72.2 percent of the blocks were classified as Passive, 16.5 percent were classified as Active, and 11.3 percent were classified as On-Hold.

Key Program Updates Cont'd

2020 Census Operations Cont'd

- With respect to Address Canvassing, as of January 31, 2017, 68.0 percent of the blocks that have been completed through Active Block Resolution (ABR) were classified as Resolved, 24.3 percent were classified as sent to field, 0.3 percent were classified as needing additional group quarters research and 7.4 percent were classified as On-Hold.
- The Redistricting Data Program (RDP) completed two 2020 Census RDP kickoff meetings in Providence, Rhode Island, and Lansing, Michigan, bringing the total number of states visited to 25. These visits provide the states an opportunity to ensure the Census Bureau captures their needs in regards to useful census redistricting data as required by Public Law (P.L.) 94-171. The visits also provide the states an opportunity to learn about the 2020 Census Redistricting Data Program, 2020 Census planning, and upcoming Census Bureau geographic partnership programs. In addition, a joint training with the New York Regional Office was conducted for the Rhode Island town planners and Geographic Information System specialists.
- The RDP completed delivery of the verification materials to the official RDP liaisons for Phase 1 of the 2020 Census RDP, the Block Boundary Suggestion Project (BBSP). These verification materials included participant guides, software, data DVDs, and a quick start guide. A nationwide training webinar for the liaisons was held on January 19, 2017 to support this verification work.
- General Services Administration informed Lessor of Lease award for the Chicago Regional Census Center.
- Released the Request for Information (RFI) for fingerprinting and hiring document collection on January 10, 2017.
- Released the final decennial Device as a Service (dDaaS) Request for Proposal (RFP) for the 2020 Census. Completed technical exchange meetings with "down selected" vendors for the dDaaS contract. Award planned for March 2, 2017.

Oversight

- Conducted the quarterly Program Management Review on January 27, 2017.
- Subject Matter Experts from the Integrated Partnership and Coordination operation to include Team Young & Rubicam (Y&R) participated in a meeting with the Funders Census Initiative in Washington, D.C. on January 10, 2017.
- Official comments in response to the *Government Accountability Office (GAO) draft report on the 2016 Census Test* were sent by the Department of Commerce (DOC) to GAO on January 17, 2017.
- The Office of Inspector General (OIG) held exit meetings for their audits on the *2016 Address Canvassing Test*, and the *2016 Census Test* on January 17, 2017.
- A draft report on the 2016 Census Test OIG audit was issued on January 27, 2017.
- The GAO held the entrance meeting for a new audit on *2020 Census Lifecycle Costs Estimates Update* on January 19, 2017.
- The OIG held an exit meeting on the *Management of Administrative Records and Third Party Data* audit on January 27, 2017.

Status of Major Tests

2016 Census Test

Description

The 2016 Census Test was an operational study of both self-response and nonresponse followup procedures. The self-response objectives included testing the provision of language support to limited English proficient populations, testing the ability to reach demographically diverse populations, and refining Real-Time Non-ID Processing (RTNP) methods.

The nonresponse followup objectives included the following strategies: the use of administrative records and third-party data to reduce cost while maintaining quality; reengineering field operations using models to reduce travel time and determine the best time for the enumerator to contact the respondent; and streamlining the staffing and supervisory structure.

Systems testing included the use of a Census Bureau server-based infrastructure[1] to support Self-Response and Non-ID Processing (for those responses where the Census ID is not used), and to measure the systems' abilities to manage a significant number of concurrent users. Also, this Test utilized Census Enterprise Data Collection and Processing (CEDCaP) systems (Control and Response Data System and the Multimode Operational Control System) for the first time in support of response processing operations. Data collection for the 2016 Census Test began in March 2016 and continued through June 2016 in Los Angeles County, California, and Harris County, Texas.

Key Activities

2016 Site Selection Announcement – June 26, 2015 (completed)
Publish Presubmission Federal Register Notice – August 4, 2015 (completed/published)
Deliver Office of Management and Budget (OMB) (Paperwork Reduction Act) Clearance Package – October 28, 2015 (delivered November 19, 2015)
Receive OMB (Paperwork Reduction Act) Approval – January 12, 2016 (approval received January 14, 2016)
Open Regional Census Centers (RCCs) – September 24, 2015 (completed/opened RCCs)
Conduct Recruiting – October 2015 – April 2016 (Began on November 2, 2015; completed March 18, 2016)
Open Area Operations Support Centers (AOSCs) – January 2016 (Houston, Texas, AOSC opened January 25, 2016; Los Angeles, California, AOSC opened February 3, 2016 (originally scheduled for February 1, 2016) (completed)
Conduct 2016 Census Test – March-June 2016 (completed)
Begin Self-Response Data Collection – March 2016 (began March 21, 2016)
Mail Initial Invitation Letters and Questionnaires – March 2016 (completed March 21, 2016)
Launch Internet Self-Response Data Collection Application – March 2016 (completed March 21, 2016)
Mail first reminder letter or postcard to housing units – March 2016 (completed March 24, 2016)
Census Day – April 1, 2016 (completed)
Conduct Field Staff Training – April – May 2016 (began April 11, 2016; completed May 21, 2016)
Conduct Coverage Reinterview – May – June 2016 (began May 2, 2016; completed June 26, 2016)

[1] On March 9, 2016, Decennial Management determined that the Cloud implementation of Internet data collection system (Primus) and RTNP would not be used for the 2016 Census Test. Primus/RTNP will instead use a server-based solution.

2016 Census Test

Key Activities cont'd

Conduct Nonresponse Followup (NRFU) – May – June 2016 (began May 12, 2016; completed June 30, 2016)
Conduct NRFU Reinterview – May – June 2016 (began May 13, 2016; completed June 30, 2016)
Complete Research and Analysis Reports – Quarter 2 of Fiscal Year 2017

Summary of Activities (last 30 Days)

1. Conducted additional analysis of the 2016 Census Test Coverage Reinterview data based on feedback from the Decennial Research Objective and Methods (DROM) Group.
2. On January 30, 2017, presented results and additional analysis of the 2016 Census Test Coverage Reinterview data to the Decennial Research Objective and Methods (DROM) Group based on their feedback from the previous presentation.

Look Ahead (next 60 Days)

Incorporate feedback from DROM and update draft report with additional analysis of the 2016 Census Test Coverage Reinterview data.

Status of Current Activities

Analysis reports are undergoing final executive-level clearance. Once complete, the reports will be issued, on a flow basis, through the 2020 Census Memorandum Series.

Reports under Development/Review

- 2016 Census Test Report – Overview (TBD)
- 2016 Census Test Coverage Reinterview Analysis Report (TBD)
- 2016 Administrative Records Portal Group Quarters Test Report (TBD)
- 2016 Census Test Optimizing Self-Response, Language Services, Race and Ethnicity, and Relationship Report (TBD)
- 2016 Census Test Analysis – Non-ID Processing Report (TBD)
- 2016 Census Test: Non-ID Recollect Analysis Report (TBD)
- 2016 Census Test Administrative Record Usage Report (TBD)
- 2016 Census Test Nonresponse Followup Operational Assessment Report (TBD)
- 2016 Census Test: In-Office Address Canvassing Report (TBD)
- 2016 Census Test – Evaluating the Decennial Census Call-in Option: Results from an Interviewer Debriefing on the 2016 Census Test Report (TBD)
- 2016 Service-Based Enumeration Census Test Analysis Report (TBD)

Address Canvassing Test

Description

The Address Canvassing Test focused on the following: (1) measuring the effectiveness of In-Office Address Canvassing through In-Field Address Canvassing; (2) measuring the effectiveness of In-Field Address Canvassing; and (3) understanding the implications of moving from Assignment Area (a grouping of blocks) to Basic Collection Unit (BCU), which encompassed the characteristics of both collection blocks and assignment areas.

The Address Canvassing Test included In-Office Address Canvassing and In-Field Address Canvassing. The In-Office Address Canvassing included the Interactive Review and Active Block Resolution activities. The In-Field Address Canvassing activity consisted of full block listing of all living quarters. Both In-Office Address Canvassing and In-Field Address Canvassing were based on the same input data (i.e., Master Address File (MAF) and Topologically Integrated Geographic Encoding and Referencing (TIGER)) and were completed in time to compare the results from both activities.

This Test occurred in two sites, Buncombe County, North Carolina, and St. Louis, Missouri. The sites included a variety of living quarters and address types (i.e., city-style addresses, non-city-style addresses, and location descriptions). Census field representatives were hired to conduct In-Field Address Canvassing. All management and oversight activities occurred out of the regional offices.

Key Activities

Publish Presubmission Federal Register Notice – March 16, 2016 (published/completed on March 23, 2016)
Deliver Office of Management and Budget (OMB) (Paperwork Reduction Act) Clearance Package – June 21, 2016 (completed on July 5, 2016)
Receive OMB (Paperwork Reduction Act) Approval – September 6, 2016 (completed on August 29, 2016)
Begin Field Management Training – Week of August 29, 2016 (completed on September 2, 2016)
Conduct In-Office Address Canvassing Data Collection for test areas – September 9, 2016 (began August 23, 2016) (Completed for Test sites within this timeframe.)
Begin Field Supervisor Training – September 12, 2016 (began on September 12, 2016; completed September 16, 2016)
Begin Field Representative Training – September 26, 2016 (began on September 26, 2016; completed on September 30, 2016.)
Conduct In-Field Address Canvassing Data Collection – September 30, 2016 – November 15, 2016 (began on September 30, 2016, completed on November 10, 2016)
Conduct In-Field Address Canvassing Re-Listing Data Collection – November 16 – December 16, 2016 (began on October 21, 2016 and completed November 23, 2016)
Release Address Canvassing Test Analysis Report – April 29, 2017

Address Canvassing Test

Summary of Activities (last 30 Days)

Address Canvassing Operation

A Lessons Learned session took place on January 5, 2017. During this session, stakeholders from all areas of the 2016 Address Canvassing Test supplied areas of the operation where improvement was needed and practices that were a success.

Decennial Service Center

Closed out support.

Look Ahead (next 60 Days)

Address Canvassing Operation

Complete a first draft of the 2016 Address Canvassing Test Assessment Report by February 10, 2017.

2017 Census Test

Description

Pursuant to 2020 Census Program Memorandum 2016.21, the scope of the 2017 Census Test was modified due to uncertainty surrounding the final FY 2017 appropriations. As a result, the 2020 Census Program will not conduct the Fiscal Year 2017 field testing operations in the Standing Rock Reservation in North Dakota and South Dakota and the Colville Reservation and Off-Reservation Trust Land in Washington State. We also cancelled field testing planned for three areas in Puerto Rico. These field testing sites will be considered for potential inclusion in the 2018 End-to-End Census Test.

Based on the revised scope, the 2017 Census Test now consists of a nationwide self-response test. It still will allow the Census Bureau to test the feasibility of collecting tribal enrollment information. We will oversample areas with relatively high populations of American Indians and Alaska Natives as a mechanism for testing potential tribal enrollment questions.

Key Activities

Publish Presubmission Federal Register Notice – July 26, 2016 (published on August 8, 2016)
Deliver Office of Management and Budget (OMB) Paperwork Reduction Act Clearance Package – October 28, 2016 (delayed due to adjustment in scope affecting the contents of the package) (completed on November 17, 2016)
Receive OMB Paperwork Reduction Act Approval – December 30, 2016 (approval date January 19, 2017)*
Internet Self-Response tool (ISR) and Census Questionnaire Assistance (CQA) become available in the production environment, permitting the collection of response data – March 20, 2017.
Conduct Census Questionnaire Assistance (CQA) – March 20 – May 12, 2017
Conduct Self-Response, Including Non-ID Processing – March 20 – May 12, 2017
Census Day – April 1, 2017

Summary of Activities (last 30 Days)

Staff finalized the revisions to the 2017 Census Test Plan as necessitated by the changes in scope described above.

IT Infrastructure

Conducted Cloud testing for Enterprise Censuses and Surveys Enabling (ECaSE) and Real-Time Non-ID Processing (RTNP) to conclude server provisioning and autoscaling tests.

Systems Engineering and Integration

1. Staff submitted the Enterprise Data Model for baselining.
2. Staff conducted the Release C Part 2 Test Readiness Review for Self-Response and CQA.
3. Staff conducted the Release C Part 1 Production Readiness Review for Printing and Mailing/Workload. Printing and Mailing/Workload was also released to Go-Live.

*To mitigate this delay we implemented forms design and printing contingencies that put us back on schedule for this Test.

2017 Census Test

Summary of Activities (last 30 Days) cont'd

Census Questionnaire Assistance

1. Call agent supervisor training ("train the trainer operations") began in support of staffing and training the call agents.
2. Completed the required standard security documentation needed for Authority to Operate (ATO).
3. Interface connectivity established between CQA, the Internet Self-Response data collection system, and the Unified Tracking System.
4. Continued building the CQA and Internet Self-Response single-sign on authentication solution, a key component to an efficient CQA operation.
5. The Jacksonville, Florida call center Facility Security Level (FSL) certification complete.

Internet Self-Response

Development teams continued to work on Internet Self-Response (ISR) components in order to be ready for March data collection.

Content and Forms Design

1. Finalized Internet self-response and census questionnaire assistance instrument specifications.
2. Finalized all mail materials that require an Office of Management and Budget (OMB) approval number.
3. Created print files for all mail materials.

Language Services

Received final translations for Internet self-response and census questionnaire assistance instrument screens and delivered to Internet Self-Response operation.

Look Ahead (next 60 Days)

The 2017 Census Test will go live on March 20, 2017. Operations will begin as the Internet Self-Response tool (ISR) and Census Questionnaire Assistance (CQA) become available in the production environment, permitting the collection of response data.

Program Management

1. Conduct the Operational Readiness Review (ORR) for Release C Part 1 (Self-Response functionality) for printing and mailing.
2. Conduct the Operational Readiness Review (ORR) for Release C Part 2 (Self-Response and CQA).

Census Questionnaire Assistance

1. Continue call agent supervisor training.
2. Complete external interface connections.
3. Interfaces with the Internet Self-response system and the Unified Tracking system will be ready for Enterprise-level testing.

2017 Census Test

Look Ahead (next 60 Days) cont'd

Systems Engineering and Integration

1. Conduct the Production Readiness Review (PRR) for Release C Part 2 for Self-Response / CQA.
2. Release C Part 2 for Self-Response / CQA ready to Go-Live.

Internet Self-Response

Fully integrate authentication layer and conduct project and program level testing. Deploy Internet instrument for 2017 Census Test.

Non-ID Processing

1. Participate in user acceptance testing for the Internet Self-Response instrument.
2. Conduct second round reviews for procedures and training materials for 2017 Clerical Non-ID operation.

Forms, Printing and Distribution

Conduct postal review of questionnaire mailing packages.

Census Questionnaire Assistance

CQA will address the Office of Information Security (OIS) requirements in pursuit of the Authority to Operate (ATO) needed prior to the go live date of March 20, 2017. The target date for the CQA ATO is March 1, 2017. To achieve this, the CQA team will complete the hardening of the Production environment in accordance with the Security Technical Implementation Guides and the required vulnerability patching identified by the Nessus scans.
Security documentation updates will also be required and incorporated when identified.

Content and Forms Design

Conduct Lessons Learned sessions.

2018 End-to-End Census Test

Description

The 2018 End-to-End Census Test objectives are to:

- Test and validate 2020 Census operations, procedures, systems, and field infrastructure together to ensure proper integration and conformance with all requirements.
- Produce a prototype of geographic and data products.

The Test will take place in portions of three areas: Pierce County, Washington; Providence County, Rhode Island; and Bluefield-Beckley-Oak Hill, West Virginia.

Analysis will continue about the cost and feasibility of expanding test scope to take in the Puerto Rico test site from the descoped 2017 Puerto Rico Census Test, and the two tribal test sites that were descoped from the 2017 Census Test, for a total of three sites.

Key Activities

Publish Paperwork Reduction Act Presubmission Federal Register Notice for Early Operations – October 7, 2016 (published on October 19, 2016)
Conduct In-Office Address Canvassing – November 16, 2016 – February 2, 2017 (started on September 26, 2016)
Open Regional Census Centers (RCC) – January 3, 2017 (completed on January 3, 2017)
Publish Post Enumeration Survey (PES) Independent Listing Paperwork Reduction Act Presubmission Federal Register Notice – January 5, 2017 (published on December 28, 2016) (cancelled)
Deliver Office of Management and Budget (OMB) (Paperwork Reduction Act) Clearance Package for Early Operations –January 24, 2017 (published January 10, 2017)
Receive OMB (Paperwork Reduction Act) Approval for Early Operations – March 27, 2017
Begin Recruiting for Early Operations – March 10, 2017
Open Area Census Offices (ACO) – March 31, 2017
Publish Presubmission Federal Register Notice for Peak Operations – March 1, 2017
Receive OMB CM Independent Listing (Paperwork Reduction Act) Approval – June 19, 2017 (cancelled)
Deliver OMB (Paperwork Reduction Act) Clearance Package for Peak Operations –July 21, 2017
Receive OMB (Paperwork Reduction Act) Approval for Peak Operations– September 12, 2017
Receive OMB CM Initial Housing Unit Followup (Paperwork Reduction Act) Approval – September 29, 2017 (cancelled)
Conduct In-Field Address Canvassing – August 14 – September 29, 2017
Conduct In-Field Address Canvassing Listing Quality Control (QC) – August 21 – October 6, 2017
Begin Recruiting for Peak Operations – September 1, 2017
Begin Hiring Partnership Staff – October 12, 2017
Conduct Group Quarters (GQ) Advance Contact – February 5 – March 9, 2018
Conduct Census Questionnaire Assistance (CQA) – March 19 – August 31, 2018
Conduct Self-Response, Including Non-ID Processing – March 19 – August 31, 2018
Conduct GQ Enumeration – March 28 – June 12, 2018
Census Day – April 1, 2018
Conduct Nonresponse Followup (NRFU) – April 3 – August 20, 2018
Conduct NRFU Reinterview – April 4 – August 31, 2018
Conduct Update Enumerate (UE) – April 16 – May 16, 2018

2018 End-to-End Census Test

Key Activities Cont'd

Conduct UE Reinterview – April 19 – July 17, 2018
Conduct UE Listing QC – April 23 – May 23, 2018
Conduct UE Followup – May 7 – July 13, 2018
Publish Prototype P.L. 94-171 Data and Support Products – no later than April 1, 2019

Summary of Activities (last 30 Days)

Decennial Logistics Management

ACO requirements for Bulk Office Supply kits were sent to National Processing Center (NPC) for procurement on January 13, 2017.

Decennial Service Center

Released an updated version of the IT Service Management tool (Remedy) in support of the Test. Began supporting 2018 End-to-End Census Test Regional Census Centers.

Recruiting, Training, and Onboarding

1. Completed selection and onboarding for Recruiting Assistants (RA) and Partnership Assistants (PA) in all three 2018 End-to-End Census Test locations.
2. Completed RCC Management Overview Training January 24-26, 2017.
3. Released Request for Information (RFI) on the GSA schedule for a decennial solution for Fingerprinting and hiring documents collection on January 10, 2017 ahead of January 24 response due date.

IT Infrastructure

The Field Office Information Technology (IT) Infrastructure team deployed equipment to the Philadelphia RCC, the New York RCC, and the Los Angeles RCC. All RCC personal computers have been received and 99 percent of all equipment has been received. Received 50 percent of ACO equipment.

Program Management

1. Presented the 2018 End-to-End Census Test Overview to the Executive Steering Committee on January 10, 2017.
2. Presented the Test Risks to the 2020 Census Risk Review Board on January 19, 2017.

Content and Forms Design

1. Managed forms design process for the paper questionnaires, including Group Quarters and Update Enumerate questionnaires. This entailed collecting feedback, sending updates to the National Processing Center, receiving those changes, and soliciting further feedback from our stakeholders.
2. Began updating automated instrument specifications based on requirements and user stories received.

2018 End-to-End Census Test

Summary of Activities (last 30 Days) Cont'd

Language Services

1. Began drafting the Language Support Plan, which will officially list the languages supported for each operation.
2. Received preliminary non-English translations of Internet and CQA instrument in Tagalog.
3. Received Spanish translations for paper materials being created for Group Quarters Operations, and NRFU automated instruments.

Integrated Partnership and Communications

1. Finalized 2018 End-to-End Census Test logo use guidance document.
2. Peak Recruiting Operations materials are in review.
3. Delivery of the recommended Partnership Experience Portal (PXP) approach from Accenture occurred on January 27, 2017. Accenture will provide recommendations on the look and feel of the system based on information received during the discovery sessions.
4. Statistics in Schools developed maps for the Test locations.

Nonresponse Followup

Prioritized Enterprise Censuses and Surveys Enabling (ECaSE) Enumeration development for 2018 End-to-End Census Test. This was done as part of the mitigation strategy for the risk of the instrument not being fully developed in time.

Update Enumerate

1. Submitted ECaSE Operation Control System (OCS) and Internet Self-Response (ISR) user stories.
2. Staff updated the Business Process Model.

Systems Engineering and Integration

Updated key documentation (Integrated and Implementation Plan, architecture, and transition plan) to align with Technical Integrator redesign.

Look Ahead (next 60 Days)

Program Management

1. Finalize OMB Paperwork Reduction Act Presubmission Federal Register Notice for Peak Operations for submission to the Department of Commerce (DOC) in mid-February 2017.
2. Begin drafting OMB Paperwork Reduction Act Clearance Package for Peak Operations in mid-Febuary 2017.
3. Complete drafting of the Test Plan.

Decennial Logistics Management

1. Deliver administrative kits to ACOs in March 2017.
2. Complete assembly of Recruiting kits for Early Operations. Delivery is expected in February 2017.

2018 End-to-End Census Test

Look Ahead (next 60 Days) cont'd

Decennial Service Center

Continue supporting Regional Census Centers and Regional Office staff. Prepare for the support of Decennial Recruiting staff. Determine which operations from the 2017 Census Test will be re-purposed for the 2018 End-to-End Census Test.

IT Infrastructure

Continue to configure equipment as it arrives. Determine which offices from the 2017 Census Test will be re-purposed for the 2018 End-to-End Census Test. Re-route or order new IT equipment to supplement 2017 Census Test activities and offices.

Nonresponse Followup

1. Develop NRFU forms and mailing materials with Content and Forms Design team.
2. Develop requirements with ECaSE OSC Field for alerts and enumerator performance measures.
3. Develop requirements for ECaSE OSC Field and ECaSE OSC Survey for NRFU operations.

Content and Forms Design

1. Start gathering content and forms requirements for Internet Self-Response (ISR) and Nonresponse Followup (NFRU).
2. Finish designing paper materials for Group Quarters (GQ) operations.
3. Baseline the 2018 Internet, Census Questionnaire Assistance, and Group Quarters automated instrument specifications.

Recruiting, Training, and Onboarding

1. Determine solution for fingerprinting and hiring document collection (in lieu of a vendor award for early operations).
2. Deliver call order and acquisition documents to the Contracting Officer at DOC for a Learning Management System (LMS) to meet the needs of the 2018 End-to-End Census Test and 2020 Census.
3. Fingerprinting vendor Industry Day tentatively scheduled for April 24, 2017.
4. Selection and onboarding of Office Operations Supervisor (OOS) and Clerical staff in the RCCs.

Language Services

1. Complete Language Support Plan.
2. Send updated text in NRFU automated instrument specifications for translation.
3. Begin sending GQ automated instrument specifications for translation.

2018 End-to-End Census Test

Look Ahead (next 60 Days) cont'd

Integrated Partnership and Communications

1. Final clearance of peak recruiting materials.
2. Accenture continues to conduct weekly discovery sessions for the Partnership Experience Portal (PXP) with Census subject matter experts (i.e. partnership specialists) to identify types of content partners can create and how partners will access the system during the 2020 Census.

Update Enumerate

1. Deliver printing specification for preprinted IDs and barcodes on Update Enumerate field materials.
2. Begin development of the user stories for the Unified Tracking System (UTS) reports.
3. Begin development of the 2018 End-to-End Census Test Update Enumerate Study Plan.

Geographic Operations

Start interactive review of the Type of Enumeration Area (TEA) assignments for the 2018 End-to-End Census Test on February 6, 2017. Start interactive delineation of the Census Field Management areas, and Census Field Supervisor areas, on March 8, 2017.

Systems Engineering and Integration

Hold the Training Release 1 and Release A Test Readiness Reviews. Both releases support In-Field Address Canvassing. Schedule integration meetings to incorporate related schedules into the 2018 End-to-End Census Test Integrated Master Schedule.

Address Canvassing

Participate in Release A Test Readiness Review on March 8, 2017.

2015 Optimizing Self-Response Test

Description

The 2015 Optimizing Self-Response Test was critical for assessing ways to maximize self-response for the 2020 Census. The scope of the Test included: testing self-response modes (including Internet, paper, and telephone); contact strategies for our preregistration tool, "Notify Me"; use of digital, targeted advertising methods to increase awareness and engagement, promoting the "Notify Me" and Non-ID response options, and encouraging participation in the Test; real-time processing of Non-ID cases; and optimization of the Internet data collection application for mobile devices. Data collection for the 2015 Optimizing Self-Response Test took place from February through May 2015 in the Savannah, Georgia, designated media market area (including several counties in South Carolina).

Status of Current Activities

Reports Completed

- Analysis of Non-ID Processing Results for the 2015 Optimizing Self-Response Test and the 2015 Census Test (Completed on January 10, 2017)

Two analysis reports are undergoing final executive-level clearance. Once complete, the reports will be issued, on a flow basis, through the 2020 Census Memorandum Series.

Reports under Development/Review

- 2015 Census Test of Digital Advertising and Other Communications in the Savannah DMA (formerly known as Analysis of the 2015 Census Test of Advertising and Partnerships) (Expected Completion of January 31, 2017 delayed due to resource limitations; revised date pending)
- Non-ID Response Validation for 2015 Optimizing Self-Response Test (Expected Completion February 28, 2017)

2015 Census Test

Description

The 2015 Census Test was critical for assessing the feasibility of fully utilizing a field operations management system that leverages planned 2020 Census automation and available near real-time operational data, as well as data households have already provided to the government, to transform the efficiency and effectiveness of data collection operations. The scope of the Test included testing the use of administrative records to reduce and manage fieldwork; operational implementation of the Bring Your Own Device (BYOD) option for enumerators; use of automated training for enumerators and managers; testing and implementing routing and/or navigation; and the use of a reengineered approach to case management. The Test used two operating systems—the Research and Testing Operations Control System (RTOCS) for tracking fieldwork for the control panel and MOJO Operational Control System for Reengineered Field Operations for the two experimental panels. The Test also allowed us to begin examining such things as how our regional offices can remotely manage local office operations in an automated environment, the extent to which enumerator and manager interactions can occur without daily face-to-face meetings, and revised field-staffing ratios. Data collection for the 2015 Census Test took place from March through August 2015 in Maricopa County, Arizona.

Status of Current Activities

Analysis reports are undergoing final executive-level clearance. Once complete, the reports will be issued, on a flow basis, through the 2020 Census Memorandum Series.

Reports under Development/Review

- ROCKiT Experimental Panel Test Results (Expected Completion February 28, 2017)

Reports Issued

The following report(s) have been issued through the 2020 Census Memorandum Series:

- Address Validation Test (Completed March 25, 2016)
- Imputation Research (Completed August 16, 2016)
- Final Report on Adaptive Design in the 2015 Census Test (Completed September 7, 2016)
- Final Report on the Administrative Records Usage in the 2015 Census Test (formerly known as Analysis of Administrative Records Usage) (Completed September 21, 2016)
- Final Report on the 2015 Census Test Evaluation Followup (formerly known as Nonresponse Evaluation Followup Analysis Report) (Completed September 21, 2016)

2015 National Content Test

Description

The 2015 National Content Test (NCT) used a nationally representative sample of approximately 1.2 million households to evaluate and compare different census content and to test different contact strategies for optimizing self-response. The scope of the Test included: content testing for questions on race and Hispanic origin (e.g., combining race and Hispanic origin into a single question vs. using separate questions, introduction of a Middle Eastern/North African category), relationship (introduction of same-sex relationship categories), and within-household coverage (streamlined approach for ensuring accurate within-household coverage); continued testing of self-response modes and contact strategies (timing of invitations/notifications), targeted mail strategies to address the differences in Internet access based on demographics and regions, and optimization of the Internet data collection application for mobile devices. The Test also included a reinterview (of a subsample of respondents) to further assess the accuracy and reliability of the question alternatives for race, Hispanic origin, and within-household coverage. The 2015 NCT used a nationally representative sample to test various versions of questions that may appear on the 2020 Census and future American Community Survey questionnaires. Data collection for the 2015 NCT took place from August through December 2015.

Key Activities

Publish Presubmission Federal Register Notice – December 2, 2014 (completed)
Deliver Office of Management and Budget (OMB) (Paperwork Reduction Act) Clearance Package – April 15, 2015 (completed – posted in Federal Register on May 22)
Receive OMB (Paperwork Reduction Act) Approval – June 23, 2015 (completed)
Send Paper Questionnaire Booklets – August 20 – September 22, 2015 (varies by panel – 11 total) (completed)
Begin Self-Response Data Collection – August 24, 2015 (completed)
Send Self-Response First Reminders – August 27 and August 31, 2015 (varies by panel – 11 total) (completed)
Census Day – September 1, 2015 (completed)
Send Additional Reminder Notifications – August 27 – September 22, 2015 (varies by panel – 11 total) (completed)
Complete Data Collection – October 30, 2015 (completed)
Complete Reinterview – December 14, 2015 (completed) (originally scheduled for November 25)[1]
Complete Research and Analysis Reports – February 28, 2017

[1] The impact of extending the reinterview collection period for the National Content Test was primarily related to some increased costs for the interviewers to work more in order to increase the response rates. Impacts were low on data analyses.

2015 National Content Test

Status of Current Activities

In preparation for review, staff are completing data analysis and preparing analysis reports. Once complete, the reports will be sent out for critical review, governance review, and final executive-level clearance. Once cleared, the reports will be issued, on a flow basis, through the 2020 Census Memorandum Series. Preliminary results on race and ethnicity research were rolled out to internal and external stakeholders in fall 2016.

Reports under Development/Review

- Race and Ethnicity (Expected Completion February 28, 2017)
- Relationship (Expected Completion February 28, 2017)
- Analysis of Non-ID Processing Results (Expected Completion February 28, 2017)
- Coverage (Expected Completion March 31, 2017)

Reports Issued

- Evaluating the Decennial Census Call-In Option: Results from an interviewer debriefing of the 2015 National Content Test (formerly known as 2015 National Content Test Telephone Questionnaire Assistance Centurion Instrument Interviewer Debriefing) was issued on October 5, 2016.
- The study plan for the race and ethnicity analysis was issued in the 2020 Census Memorandum Series on November 4, 2016.
- The 2015 NCT Optimizing Self-Response was issued in the 2020 Census Memorandum Series on November 22, 2016.

Status of Major 2020 Census Operations

The 2020 Census includes 34 operations that are organized into eight major areas that correspond with the Census Bureau standard Work Breakdown Structure (WBS). The term operation refers to both support and business functions.

The status of these operations are reported on the following pages, which are organized by major area. Please note, only operations that are underway are discussed on the following pages.

Table 1 on the following pages describes all 34 operations as defined in the 2020 Census Operational Plan 2.0 issued on October 28, 2016.

Completed or planned activities specifically supporting past or current Tests are reported on the relevant Test page (pages 6-21). Otherwise, they are reported on the relevant 2020 Census Operations page (pages 29-41).

Figure 1: Operational Overview by WBS

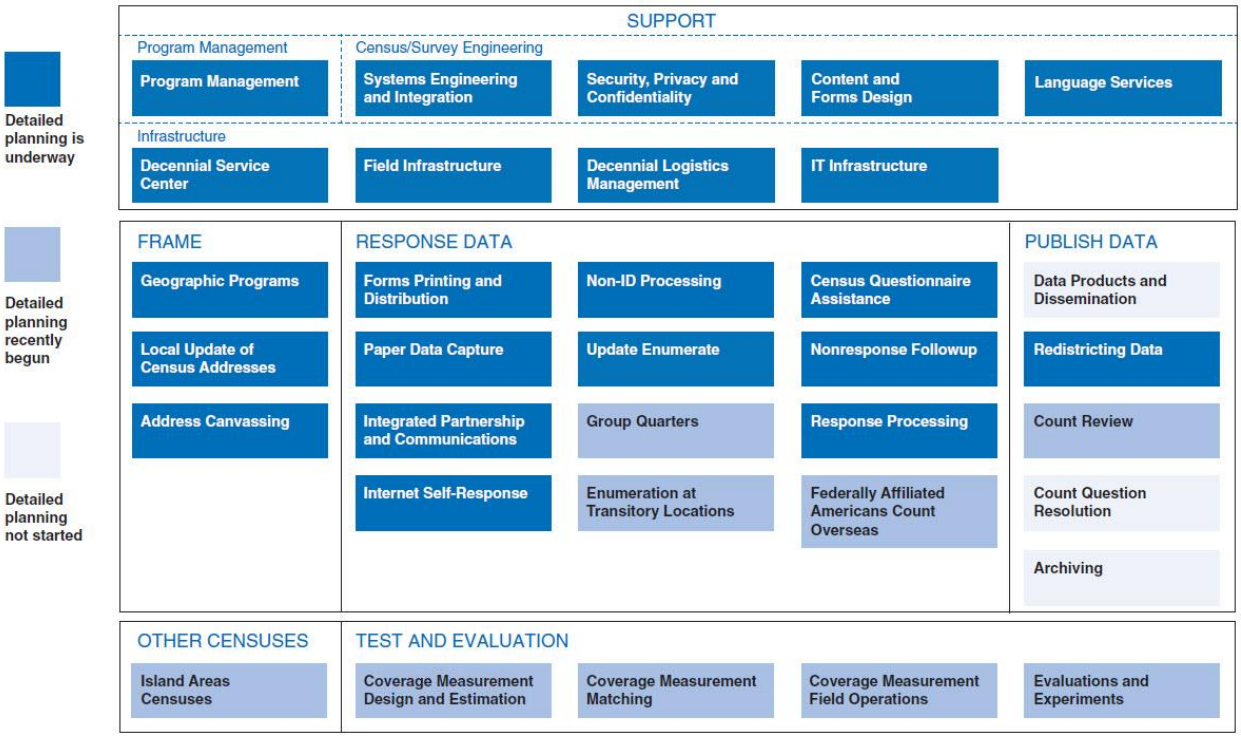


Table 1: 2020 Census Operations and Purpose

Operations	Purpose
Census/Survey Engineering	
Systems Engineering and Integration	The Systems Engineering and Integration operation (SEI) manages the delivery of a system of systems that meets 2020 Census Program business and capability requirements.
Security, Privacy, and Confidentiality	The Security, Privacy, and Confidentiality (SPC) operation ensures that all operations and systems used in the 2020 Census adhere to the following policies and regulations: • Appropriate systems and data security. • Respondent and employee privacy and confidentiality.
Content and Forms Design	The Content and Forms Design (CFD) operation performs the following activities: • Identify and finalize content and design of questionnaires and associated nonquestionnaire materials such as letters, postcards, brochures, envelopes, flashcards, and field materials. • Ensure consistency across data collection modes and operations, including (but not limited to) questionnaire content, help text, mailing materials, and field materials. • Provide the optimal design and content of the questionnaires to encourage high response rates.
Language Services	The Language Services (LNG) operation performs the following activities: • Assess and support language needs of non-English speaking populations. • Determine the number of non-English languages and level of support for the 2020 Census. • Optimize the non-English content of questionnaires and associated nonquestionnaire materials across data collection modes and operations. • Ensure cultural relevancy and meaningful translation of 2020 Census questionnaires and associated nonquestionnaire materials.
Frame	
Geographic Programs	The Geographic Programs (GEOP) operation provides the geographic foundation in support of the 2020 Census data collection and tabulation activities within the Master Address File/Topologically Integrated Geographic Encoding and Referencing (MAF/TIGER) System. The MAF/TIGER System (software applications and databases) serves as the national repository for all of the spatial, geographic, and residential address data needed for census and survey data collection, data tabulation, data dissemination, geocoding services, and map production. Components of this operation include: • Geographic Delineations. • Geographic Partnership Programs. • Geographic Data Processing.
Local Update of Census Addresses	The Local Update of Census Addresses (LUCA) operation provides an opportunity for tribal, federal, state, and local governments to review and improve the address lists and maps used to conduct the 2020 Census. This operation is required by the Census Address List Improvement Act of 1994 (Public Law (P.L.) 103-430).
Address Canvassing	The Address Canvassing (ADC) operation serves two purposes: • Deliver a complete and accurate address list and spatial database for enumeration. • Determine the type and address characteristics for each living quarter.

Operations	Purpose
Response Data	
Forms Printing and Distribution	The Forms Printing and Distribution (FPD) operation prints and distributes the following paper forms to support the 2020 Census mailing strategy and enumeration of the population: • Internet invitation letters. • Reminder cards or letters or both. • Questionnaire mailing packages. • Materials for other special operations, as required. *Other materials required to support field operations are handled in the Decennial Logistics Management or Field Infrastructure operations.*
Paper Data Capture	The Paper Data Capture (PDC) operation captures and converts data from 2020 Census paper questionnaires. This operation includes: • Mail receipt. • Document preparation. • Scanning. • Optical Character Recognition. • Optical Mark Recognition. • Key From Image. • Editing and checkout.
Integrated Partnership and Communications	The Integrated Partnership and Communications (IPC) operation communicates the importance of participating in the 2020 Census to the entire population of the 50 states, the District of Columbia, and Puerto Rico to: • Support Field recruitment efforts for a diverse, qualified Census workforce. • Engage and motivate people to self-respond, preferably via the Internet. • Raise and keep awareness high throughout the entire 2020 Census to encourage response. • Effectively support dissemination of Census data to stakeholders and the public.
Internet Self-Response	The Internet Self-Response (ISR) operation performs the following functions: • Maximize online response to the 2020 Census via contact strategies and improved access for respondents. • Collect response data via the Internet to reduce paper and NRFU.
Non-ID Processing	The Non-ID Processing (NID) operation is focused on making it easy for people to respond anytime, anywhere to increase self-response rates. The operation accomplishes this by: • Providing response options that do not require a unique Census ID. • Maximizing real-time matching of non-ID respondent addresses to the Census living quarters address inventory. • Accurately assigning nonmatching addresses to census blocks. • Conducting validation of all non-ID responses.

Operations	Purpose
Update Enumerate	The Update Enumerate (UE) operation is designated to occur in geographic areas where the Census Bureau has identified unique challenges. UE combines listing methodologies with enumeration methodologies. In the UE operation, field staff update the address and feature data and enumerate respondents in person. The primary functions of UE include: • Verifying and updating the address list and feature data for tabulation of the 2020 Census. • Determining the type and address characteristics for each living quarter. • Enumerating respondents at housing units within the UE geographic areas for which a 2020 Census response was not received. UE can occur in geographic areas that: • Do not have city-style addresses. • Do not receive mail through city-style addresses. • Receive mail at post office boxes. • Have been affected by natural disasters. • Have high concentrations of seasonally vacant housing. • Have unique challenges associated with accessibility.
Group Quarters	The 2020 Census Group Quarters (GQ) Operation will: • Enumerate people living or staying in group quarters. • Provide an opportunity for people experiencing homelessness and receiving service at a service-based location, such as a soup kitchen, to be counted in the Census.
Enumeration at Transitory Locations	The Enumeration at Transitory Locations (ETL) operation enumerates individuals in occupied units at transitory locations who do not have a Usual Home Elsewhere. Transitory locations include recreational vehicle parks, campgrounds, racetracks, circuses, carnivals, marinas, hotels, and motels.
Census Questionnaire Assistance	The Census Questionnaire Assistance (CQA) operation has two primary functions: • Provide questionnaire assistance for respondents by answering questions about specific items on the Census form or other frequently asked questions about the Census; º Tier 1: Provide telephone assistance via an Interactive Voice Response (IVR). º Tier 2: Provide real-time assistance over the telephone or other electronic channels (Web chat and email) via CQA agents. • Provide an option for respondents to complete a Census interview over the telephone.
Nonresponse Followup	The Nonresponse Followup (NRFU) Operation serves two purposes: • Determines housing unit status for nonresponding addresses that do not self-respond to the 2020 Census. • Enumerates households that are determined to have a housing unit status of occupied.
Response Processing	The Response Processing Operation (RPO) supports the three major components of the 2020 Census: predata collection activities, data collection activities, and post data collection activities. Specifically, the operation supports the following: • Create and distribute the initial 2020 Census enumeration universe of living quarters. • Assign the specific enumeration strategy for each living quarter based on case status and associated paradata. • Create and distribute workload files required for enumeration operations. • Track case enumeration status. • Run post data collection processing actions in preparation for producing the final 2020 Census results. • Check for invalid or potential fraudulent returns.

Operations	Purpose
Federally Affiliated Americans Count Overseas	The Federally Affiliated Americans Count Overseas (FAA) operation obtains counts by home state of U.S. military and federal civilian employees stationed or deployed overseas and their dependents living with them.
Publish Data	
Data Products and Dissemination	The Data Products and Dissemination (DPD) operation performs three primary functions: • Prepare and deliver the 2020 Census apportionment data for the President of the United States to provide to Congress by December 31, 2020. • Tabulate 2020 Census data products for use by the states for redistricting. • Tabulate and disseminate 2020 Census data for use by the public.
Redistricting Data Program	The purpose of the Redistricting Data Program (RDP) is to provide to each state the legally required P.L. 94-171 redistricting data tabulations by the mandated deadline of 1 year from Census. Day: April 1, 2021.
Count Review	The Count Review (CRO) operation enhances the accuracy of the 2020 Census through remediating potential gaps in coverage by: • Implementing an efficient and equitable process to identify missing housing units. • Identifying and correcting missing or geographically misallocated large group quarters and their population. • Positioning remaining count issues for a smooth transition to the CQR operation.
Count Question Resolution	The Count Question Resolution (CQR) operation provides a mechanism for governmental units to challenge their official 2020 Census results.
Archiving	The Archiving (ARC) operation performs the following functions: • Coordinates storage of the materials and data and provides records deemed permanent, including files containing the individual responses to the 2020 Census, to National Archives and Records Administration (NARA). • Provides similar files to the NPC to use as source materials to conduct the Age Search Service.
Other Censuses	
Island Areas Censuses	The purpose of the Island Areas Censuses operation is to enumerate all residents of American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, and the U.S. Virgin Islands; process and tabulate the collected data; and disseminate data products to the public.
Test and Evaluation	
Coverage Measurement Design and Estimation	The Coverage Measurement Design and Estimation (CMDE) operation develops the survey design and sample for the postenumeration survey for the 2020 Census. It also produces estimates of census coverage based on a postenumeration survey.
Coverage Measurement Matching	The Coverage Measurement Matching (CMM) operation identifies matches and nonmatches between the 2020 Census and the Coverage Measurement Survey, for both housing units and people, including computer and clerical components.
Coverage Measurement Field Operations	The Coverage Measurement Field Operations (CMFO) collects person and housing unit information (independent from 2020 Census operations) for the sample of Coverage Measurement Survey housing units. Coverage Measurement (CM) collects the same data as the 2020 Census for both housing units and persons. Additional information is collected by CM to help us understand census coverage and to detect erroneous enumerations.

Operations	Purpose
Evaluations and Experiments	Evaluations and Experiments (EAE) document how well the 2020 Census was conducted; evaluations analyze, interpret, and synthesize the effectiveness of census components and their impact on data quality or coverage or both. Experiments identify potential designs of early 2030 Census life-cycle research and testing; experiments are quantitative or qualitative studies that must occur during a decennial census in order to have meaningful results to inform planning of future decennial censuses. In general, experiments involve response comparisons between tests, new or modified methods, or procedures against 2020 Census production methods or procedures. The EAE operation performs the following functions: • Measures success of critical 2020 Census operations and processes. • Formulates a 2020 Census experimental program that will further refine 2030 Census operational design options. • Contributes to the formulation of the 2030 Census Research and Testing phase objectives. • Develops a transition plan and appropriate organizational structures to establish 2030 Census life cycle planning. • Initiates other early planning activities for the 2030 Census, including the monitoring of policy concerns and technological, societal, and public cooperation trends. • Produces an independent assessment of coverage via Demographic Analysis.
Infrastructure	
Decennial Service Center	The Decennial Service Center (DSC) will support 2020 Census field operations and handle all service requests initiated by field staff.
Recruiting, Training, and Onboarding	The Field Infrastructure (FLDI) operation performs the following functions: • Coordinates space acquisition for, and lease management of, the RCC and Area Census Offices. • Provides the administrative infrastructure for data collection covering the 50 states, the District of Columbia, and Puerto Rico including: º Recruiting. º Hiring and onboarding. º Personnel and payroll administration. º Training. º Partnership support. º Management and supervision. º Clerical support. º Materials supply. º Printing and plotting.
Decennial Logistics Management	The Decennial Logistics Management (DLM) will provide logistics management services including procuring warehouse space, warehousing, inventory management, kit assembly, deployment of materials, and receiving and excessing materials.
IT Infrastructure	The purpose of the IT Infrastructure (ITIN) operation is to provide the IT-related infrastructure support to the 2020 Census, including: • Enterprise systems and applications. • Decennial-specific systems, applications, and interfaces. • Field IT infrastructure (RCC, field office, and paper data capture center). • Mobile computing. • Cloud computing.
Program Management	
Program Management	The Program Management (PM) operation defines and implements program management policies, processes, and the control functions for planning and implementing the 2020 Census in order to ensure an efficient and well-managed program.

Detailed Operational Plan Release Schedule as Documented in the v1.0 and v2.0 2020 Census Operational Plan

	Detailed Operational Plan	DOP Release Dates via Operational Plan v1.0	Revised release date Operational Plan v2.0
	(8) Address Canvassing - RELEASED (ADC)	September 2015	
1	(8) Address Canvassing (ADC) - Release w/new template	September 2016	
2	(7) Local Update of Census Addresses (LUCA)		
3	(4) Content and Forms Design (CFD)		
4	(5) Language Services (LNG)		
5	(12) Internet Self-Response (ISR)		December 2016*
6	(13) Non-ID Processing (NID)		
7	(10) Paper Data Capture (PDC)		December 2016*
8	(22) Redistricting Data Program (RDP)		
9	(11) Integrated Partnership and Communications (IPC)		
10	(17) Census Questionnaire Assistance (CQA)		
11	(19) Response Processing (RPO)		March 2017
12	(6) Geographic Programs Operation (GEOP) -– Geographic Delineations Component (GEOP/GD)	No date released in 2020 Ops Plan	September 2016
13	(6) Geographic Programs Operation (GEOP) -– Geographic Partnerships Component (GEOP/GP)		
14	(6) Geographic Programs Operation (GEOP) -– Geographic Data Processing Component (GEOP/GDP)		
15	(33) Decennial Logistics Management (DLM)	September 2016	June 2017
16	(34) IT Infrastructure (ITIN)		March 2017
17	(18) Nonresponse Followup (NRFU)		December 2016*
18	(9) Forms Printing and Distribution (FPD)		March 2017
19	(14) Update Enumerate (UE)	September 2017	March 2017
20	(15) Group Quarters (GQ)		June 2017
21	(32) Field Infrastructure (FLDI)	September 2016	June 2017
22	(31) Decennial Service Center (DSC)	January 2017	June 2017
23	(21) Data Products and Dissemination (DPD)	September 2017	June 2017
24	(30) Evaluations and Experiments (EAE)		September 2018
25	(27) Coverage Measurement Design & Estimation (CMDE)		September 2017
26	(28) Coverage Measurement Matching (CMM)		September 2017
27	(29) Coverage Measurement Field Operations (CMFO)		September 2017
28	(20) Federally Affiliated Americans Count Overseas (FAA)		September 2018
29	(16) Enumeration at Transitory Locations (ETL)		September 2018
30	(25) Archiving (ARC)	September 2018	September 2017
31	(23) Count Review (CRO)	September 2017	September 2018
32	(26) Island Areas Censuses (IA)		September 2018
33	(24) Count Question Resolution (CQR)	September 2018	September 2018
34	(1) Program Management (PM)		
35	(2) Systems Engineering & Integration (SEI)		
36	(3) Security, Privacy and Confidentiality (SPC)	September 2016	March 2017

Note: All reports are released via the 2020 Census Memorandum Series.
*Work on these detailed operational plans was delayed so existing staff could focus on higher priority 2017 Census Test preparations.

Census/Survey Engineering

Description

Four operations support the Census/Survey Engineering area of the 2020 Census: Systems Engineering and Integration (SE&I); Security, Privacy, and Confidentiality; Content and Forms Design; and Language Services. For the description of these operations, please see Table 1.

Table 2: SE&I Review Descriptions

Review	Description
Critical Business Proposal Review (CBR)	Review of initial high-level architecture to ensure inclusion of appropriate systems to implement the desired subset of the 34 operations.
Project Baseline Review (PBR)	Review of program baselines. Schedule, organizational structure, Risk, etc.
Systems Requirements Review (SRR)	Joint review of PLBR/CAP requirements by engineering and operations.
Critical Design Review (CDR)	Review of high-level architecture and detailed business processes that define the subset of operations, interfaces, etc. Includes allocation of requirements to systems and the defined releases.
Test Readiness Review (TRR)	Ensures appropriate test objectives, methods procedures, scope and environments. Assesses readiness of systems to begin independent Program-Level testing. Marks the beginning of testing by the Program Test Team.
Production Readiness Review (PRR)	Assessment of test results to ensure systems are ready for operations testing.
Operational Readiness Review (ORR)	Assessment of operational testing to ensure full operation is ready to go-live.

Table 3: SE&I Release Functionality Key

Release	Functionality
Release A	In-Field Address Canvassing
Release B	Coverage Measurement – Independent Listing
Release C	Self-Response
Release D	Field Enumeration
Release E	Tabulation/Dissemination
Release F	RESERVED
Release G	Geographic Programs / LUCA
Release H	RESERVED
Release I	In-Office Address Canvassing
Release J	RESERVED
Release K	Coverage Measurement – Initial Housing Unit Follow-up, Person Interview
Release L	Coverage Measurement – Person Interview Matching
Release M	Coverage Measurement – Person Follow-up
Release N	Coverage Measurement – Final Housing Unit Follow-up
Release O	Coverage Measurement – Reports & Release Findings
Release P	Partnership Activities
Recruiting Release 1	Address Canvassing, Coverage Measurement – Independent Listing, and Initial Housing Unit Follow-up Recruiting
Recruiting Release 2	Field Enumeration, Coverage Measurement – Person Interview, Person Follow-up, and Final Housing Unit Follow-up Recruiting
Training Release 1	Address Canvassing Training
Training Release 2	Field Enumeration Training
Coverage Measurement Sample Release	Initial Sample for Coverage Measurement

Census/Survey Engineering

Summary of Activities (last 30 days)

In support of the Systems Engineering and Integration (SE&I) operation, staff completed the transition of responsibility for creating and maintaining the demand models, planning system scalability, planning performance and scalability testing, and updating the SE&I documents to the 2020 Census Technical Integrator. Having the input and key tasks under one roof with the Technical Integrator as the contract required permits the Integrator to move forward with planning systems scalability and performance scalability testing.

Version 3 of the 2020 Census Architecture Transition Plan was presented to the Decennial Portfolio Management Governing Board (PMGB) group. Version 3 contains updates to reflect the 2018 End-to-End Census Test solution architecture.

The Technical Integrator (TI) delivered version 3 of the Integration and Implementation Plan. Version 3 was re-designed in a way to better reach its customers.

In support of Security, Privacy, and Confidentiality (SPC), 2017 Census Test schedule updates were submitted. This shows that the systems that are part of the Test have an Authority to Operate (ATO). The SPC charter for 2018 End-to-End Census Test is complete. The charter officially kicks off the project's activities.

In support of the Content and Forms Design (CFD) operation, staff continued briefing internal stakeholders regarding the subjects to be proposed for the 2020 Census. As required by Title 13, the *Subjects Planned for the 2020 Census and American Community Survey (ACS)* will be submitted to Congress by March 31, 2017. The submission of these subjects to Congress will be a major documentation milestone in the long and robust 2020 Census content determination process. Also, gathering requirements for content and paper questionnaire activities for the 2018 End-to-End Census Test began.

Look Ahead (next 60 days)

Systems Engineering and Integration

Release the Enterprise Data Model for the 2018 End-to-End Census Test.

Security, Privacy, and Confidentiality

1. Final Detailed Operational Plan (DOP) due to be released March 2017.
2. Complete Interface Control Documents (ICDs) for systems to be used in 2018 End-to-End Census Test.

Content and Forms Design

1. Complete internal review of the *Subjects Planned for the 2020 Census and the American Community Survey (ACS)* documentation, and begin pre-briefings.
2. Gather instrument and mail material requirements from operations for the 2018 End-to-End Census Test.

Census/Survey Engineering

Look Ahead (next 60 days) Cont'd

Language Services

Receive initial translations for the 2018 End-to-End Census Test. These translations pertain to the GQ Individual Census Report, self-response questionnaire, update enumerate questionnaire, new Paperwork Reduction Act (PRA) text, field enumeration screens, and other materials.

Systems Engineering and Integration

Submit the 2020 Census Test and Evaluation Management Plan (TEMP) to the Decennial PMGB for baselining.

The TI will refresh the Geographic Partnership Support Desk External Demand Model using updated call volume estimates.

The TI will refresh the Hire and Train External Demand Model, incorporating comments received on the earlier version and incorporating updated hiring estimates.

Staff will hold the Critical Business Proposal Review (CBR) / Project Baseline Review (PBR) for the 2020 Census.

Frame

Description

Three operations support the frame area of the 2020 Census: Geographic Programs, Local Update of Census Addresses (LUCA), and Address Canvassing. For the description of these operations, please see Table 1.

Summary of Activities (last 30 days)

In support of the Geographic Program operations, development, and testing of the Geographic Update Partnership Software (GUPS) continues. Geographic Area Analysis and Delineation System (GAADS) software development continues in support of collection geography delineations. GAADS will be first used for the Interactive Type of Enumeration Area (TEA) Delineation starting February 6, 2017. The TEA GAADS software has been delivered to VDI for implementation. The Geographic Programs Support Desk (GPSD) went live on January 21, 2017 to support the LUCA mailing. The Regional Office staff was trained in the use of the software on January 19, 2017 and the National Processing Center (NPC) staff was trained on January 23, 2017.

The Local Update of Census Addresses (LUCA) IPT completed Geographic Partnership Support Desk (GPSD) training for Regional Office Geographers, held on January 19, 2017, and National Processing Center (NPC) staff, held on January 23, 2017. Completed printing and shipping of Advance Notice materials to tribal, state, and local governments. Completed LUCA website with Advance Notice links and documents. Added to the website were the following links: LUCA map examples, block count lists, geocoder tool, and the LUCA Information Guide.

In support of the Address Canvassing operation, staff began planning In-Office Address Canvassing, In-Office Group Quarters (GQ) Review, and Ungeocoded Resolution activities. Preliminary results of the 2016 Master Address File (MAF) Coverage Study were shared with the NAS Panel on January 24, 2017.

The 2020 Census In-Office Address Canvassing Interactive Review production continues, and is meeting the expected production goals. The clerks have reviewed 8,822,058 blocks during Interactive Review from the beginning of production in September 2015 through January 31, 2017. One hundred eight staff are working Interactive Review (IR) in production and twelve are performing Quality Control (QC). This process classifies the blocks into three categories:

- Passive = blocks that do not show signs of change and need no further review at this time.
- Active = blocks that show signs of change and need to move to the next phase of In-Office Address Canvassing for further review.
- On Hold = blocks that need new imagery to do the Interactive Review.

As of January 31, 2017, 72 percent of the blocks were classified as Passive, 17 percent were classified as Active, and 11 percent were classified as On-Hold.

Frame

Summary of Activities (last 30 days) cont'd

The 2020 Census In-Office Address Canvassing Active Block Resolution (ABR) production began at headquarters on April 19, 2016. Active Block Resolution was conducted at headquarters to prove in the procedures and the operation began at the National Processing Center (NPC) in July 2016. The staff reviewed 65,947 blocks from the beginning of production through January 31, 2017. Ninety-seven staff are working ABR in production and twenty-one are performing Quality Control (QC).

The 2020 Census ABR process classified the blocks into four categories:

- Resolved = blocks that were reviewed and all issues were resolved in the office.
- Sent to Field = blocks that were reviewed but all of the issues were not resolved in the office.
- Additional GQ Research Needed = blocks that were reviewed but require additional review to confirm the status of a group quarters.
- On Hold = blocks that are undergoing construction and need update imagery or waiting for boundary changes to be made before reviewing the block.

As of January 31, 2017, 68 percent of the blocks that have been completed through ABR were classified as Resolved, 24 percent were classified as sent to field, less than 1 percent were classified as needing additional group quarters research and 7 percent were classified as On Hold.

The Master Address File (MAF) Update for the Fiscal Year 2017 MAF Coverage Study began on October 3, 2016. As of January 31, 2017, 6,495 of the 20,000 blocks in the FY17 sample were completed.

- The goal was to complete 6,496 blocks by the end of January 2017 and the field met 99.9 percent of the goal, with the remaining block to be completed February 1, 2017.

Look Ahead (next 60 days)

Geographic Programs

1. GAADS sprint development will continue in anticipation of an early February 2017 interactive TEA delineation for the 2018 End-to-End Census Test.
2. Baseline Collection Geography and PSAP schedules by March 31, 2017.

LUCA

1. Schedule LUCA Promotional Workshops.
2. Update Geographic Program Partnership (GPP) database with Contact Information Update Forms received from the Advance Notice mailout to tribal, state, and local governments.
3. Conduct LUCA Promotional Workshops.

Frame

<u>Look Ahead (next 60 days) cont'd</u>

Address Canvassing

1. Complete draft of the In-Office GQ Review Detailed Business Proposal.
2. Complete draft of the Ungeocoded Resolution Detailed Business Proposal.
3. MAF Coverage Study in-field data for collection for Assignment Period 3 begins February 1, 2017.

Response Data

Description

Twelve operations support the response data area of the 2020 Census: Forms Printing and Distribution, Paper Data Capture, Integrated Partnership and Communications, Internet Self-Response, Non-ID Processing, Update Enumerate, Group Quarters, Enumeration at Transitory Locations, Census Questionnaire Assistance, Nonresponse Followup, Response Processing, and Federally Affiliated Americans Count Overseas. For the description of these operations, please see Table 1.

Summary of Activities (last 30 days)

In support of the Integrated Partnership and Communications (IPC) Program:

- Continued IPC Customer Relationship Management system discussions, specifically around the partnership portal.
- The Integrated Communication Contract received Team Y&R revised Point of View (POV) with limited funding for FY2017.
- Partnership Experience Platform (PXP) stakeholder discovery sessions and requirements validation phase ended on January 31, 2017. This phase focused on validating with external partners and internal users the preliminary partnership system requirements.
- The Census Community Partnership and Engagement Program (CPEP) Plan was presented at the 2020 Census Portfolio Management Board (PMGB).
- IPC provided the first round of comments to Team Y&R on the Integrated Communications Contract (ICC) Plan table of contents.

In support of the Update Enumerate (UE) operation, staff completed the initial draft of the 2020 Census Update Enumerate Detailed Operational Plan.

In support of the Group Quarters (GQ) operation, the team participated in a series of meetings to streamline Group Quarters Enumeration specifications for the ECaSE handheld device and the specifications and requirements for the Group Quarters Advance Contact In-Office and In-Field functionalities.

Look Ahead (next 60 days)

Integrated Partnership and Communications

1. Finalize draft of the 2020 Census National Partnership Plan and provide to the 2020 IPC IPT.
2. Baseline the 2020 Census Partnership Engagement Plan.
3. The Census Bureau will meet with the National Advisory Committee Integrated Partnership and Communications Working Group to discuss highlights from the 2020 National Partnership plan.
4. Receive and review draft agile schedule for partnership portal development. The portal will allow partners to share activities and order promotional materials and products.
5. Plan for Partnership Contact Database release 2.0, which will expand functionality for storing and tracking partner information.
6. Participate in Partnership Specialist training.
7. Receive Draft 1.0 of the Integrated Communications Plan from Team Y&R.

Response Data

Look Ahead (next 60 days) cont'd

Update Enumerate

Deliver the draft 2020 Update Enumerate Detailed Operational Plan to leadership for review, and make changes to address any comments received.

Group Quarters

1. Complete the following activities for eResponse Data Independent Test.
    a. Standardize/Match/Geocode Address Response Data: November 2016 – January 2017.
    b. Create GQ Extract of matched and unmatched address records: November 2016 – January 2017.
    c. Complete Data Analysis of the eResponse Data Test: February 2017.
    d. Develop Initial Draft of the eResponse Analysis Report.
2. Present the 2016 Service Based Enumeration Census Test Analysis Report to the 2020 Census Portfolio Management Governing Board (PMGB).

Nonresponse Followup

1. Baseline the 2020 Census NRFU Detailed Operational Plan.
2. Develop mitigation plans for 2020 Census NRFU project level risks.
3. Begin efforts to develop additional detail and refinements related to the operational schedule.
4. Develop plans and procedures for User Acceptance Tests of the Enterprise Censuses and Surveys Enabling (ECaSE) systems.

Paper Data Capture

1. Conduct working group meetings on site at the National Processing Center (NPC) February 1-3, 2017.
2. Continue to identify and work to close gaps in the overall PDC solution.
3. Identify and monitor 2020 Census-related project risks.

Response Processing

Finalize initial draft of 2018 End-to-End Response Processing Operation Assessment Study Plan.

Publish Data

Description

Five operations support the publish data area of the 2020 Census: Data Products and Dissemination, Redistricting Data Program, Count Review, Count Question Resolution, and Archiving. For the description of these operations, please see Table 1 on page 26.

Summary of Activities (last 30 days)

The Redistricting Data Program (RDP) completed two 2020 Census RDP kickoff meetings in Providence, Rhode Island, and Lansing, Michigan, bringing the total number of states visited to 25. These visits provide the states an opportunity to ensure the Census Bureau captures their needs in regards to useful census redistricting data as required by Public Law (P.L.) 94-171. The visits also provide the states an opportunity to learn about the 2020 Census Redistricting Data Program, 2020 Census planning, and upcoming Census Bureau geographic partnership programs. In addition, a joint training with the New York Regional Office was conducted for the Rhode Island town planners and Geographic Information System specialists.

The RDP completed delivery of the verification materials to the official RDP liaisons for Phase 1 of the 2020 Census RDP, the Block Boundary Suggestion Project (BBSP). These verification materials included participant guides, software, data DVDs, and a quick start guide. A nationwide training webinar for the liaisons was held on January 19, 2017 to support this verification work.

In support of the 2018 End-to-End Census Test and Phase 3 of the 2020 Census RDP, we began the Integrated Partnership Team meetings for the design of the P.L. 94-171 Redistricting File and its summary levels.

Look Ahead (next 60 days)

Redistricting Data Program

1. 2020 Census RDP kickoff meetings in New York.
2. Complete migration of the Redistricting Data Program website to the new platform.
3. Support the verification phase of the Block Boundary Suggestion Project.

Test and Evaluation

Description

Four operations support the Test and Evaluation area of the 2020 Census: Coverage Measurement Design and Estimation, Coverage Measurement Matching, Coverage Measurement Field Operations, and Evaluations and Experiments. For the description of these operations, please see Table 1.

Summary of Activities (last 30 days)

Coverage Measurement submitted to DOC the OMB Paperwork Reduction Act Pre-submission Federal Register Notice for the 2018 End-to-End Census Test Coverage Measurement Independent Listing, and submitted to the CCB for approval the request to change the Coverage Measurement Survey (CMS) name to Post Enumeration Survey (PES).

The Coverage Measurement Design and Estimation team:

- Submitted for comments the first draft of the 2018 End-to-End Census Test Specifications for Initial Sample of Basic Collection Units (BCUs).
- Formed the CM Estimation subteam.
- Reviewed all Coverage Measurement Design and Estimate Business Process Models (BPMs), requirements, and 2018 End-to-End Census Test schedule; and produced preliminary results on impact of not conducting the Final Housing Unit Followup on net coverage estimates.
- Finalized key need-by spec dates for initial sample creation and sub sampling creation.

The Coverage Measurement Field Operations team and supervisors:

- Attended Pega training on Agile Development and Product Owner responsibilities.
- Reviewed all Coverage Measurement Field Operations (CMF) BPMs, requirements, and 2018 End-to-End Census Test schedule
- Worked with Pega to create the Housing and Person operations instrument development workstreams.

In support of the Evaluation and Experiments (EAE) operation, decennial leadership approved the proposed 2030 Census research guiding principles and the high-level research targets, and proposed criteria for assessing proposed 2020 Census research topics and questions.

Demographic Analysis was formally moved under the EAE operation from the Coverage Measurement Design and Estimation (CMDE) operation. The design, methods, and long-term research agenda of Demographic Analysis is more related to the goals of the EAE operation. Also, this helps ensure independence of coverage estimations.

The Request for Quote for an evaluation of the 2020 Census Integrated Partnership and Communications Program is near finalization. Because of funding uncertainty, work on the contract has been delayed until fiscal year 2018.

Test and Evaluation

Look Ahead (next 60 days)

Coverage Measurement Field Operations and Matching

1. Finalize updates to CM requirements.
2. Continue development of specifications and user stories for development of CM Independent Listing instrument and operations for the 2020 Census.
3. Continue development of specifications and user stories for development of CM Housing Unit Followup instrument and operations for the 2020 Census.
4. Continue development of specifications and user stories for development of CM Person Interview instrument and operations for the 2020 Census.

Coverage Measurement Matching

1. Finalize team's 2018 End-to-End Census Test schedule.
2. Finalize updates to CM requirements.
3. Continue development of specifications for software for CM Independent Listing post-processing and housing unit matching for the 2018 End-to End Census Test.
4. Continue development of specifications for software for CM Housing Unit Followup post-processing and housing matching for the 2018 End-to End Census Test.

Evaluations and Experiments

1. Revise and finalize the report template and the Indexing and Fact-Checking Guidelines, for operational assessments, evaluations, and experiments.
2. Release the final JASON report, *Alternative Futures for the Conduct of the 2030 Census* in the external 2020 Census Memorandum Series.

Infrastructure

Description

Four operations support the infrastructure area of the 2020 Census: Decennial Service Center; Recruiting, Training and Onboarding; Decennial Logistics Management; and Information Technology (IT) Infrastructure. For the description of these operations, please see Table 1.

Summary of Activities (last 30 days)

Decennial Service Center

Trained analysts to process security incident calls.

Decennial Logistics Management (Regional Census Centers)

Chicago: General Services Administration informed Lessor of lease award.

Recruiting, Training, and Onboarding

1. Released Request for Information (RFI) for fingerprinting and hiring document collection on January 10, 2017.
2. Regional Census Center Management Overview Training held January 24 – 26, 2017.

IT Infrastructure

1. Approved pursuit of Title 26 data in Cloud with IRS approval and certification on January 12, 2017. Cloud Phase II Request for Proposal released on January 25, 2017.
2. Mitre delivered a first draft of the Detailed Operational Plan. The document will now be developed using an iterative approach.

Look Ahead (next 60 days)

Decennial Service Center

Begin training staff to support the 2018 End-to-End Census Test.

Recruiting, Training & Onboarding

1. Determine solution for fingerprinting and hiring document collection in lieu of a vendor award for early operations. The Request for Information (RFI), released on January 10, 2017, is just one of the steps that will lead us toward determining a solution.
2. Deliver Call order and Acquisition Documents to the Contracting Officer at DOC for a Learning Management System (LMS) to meet the needs of the 2018 End-to-End Census Test and 2020 Census.
3. Fingerprinting vendor Industry Day is tentatively scheduled for April 24, 2017.
4. Selection and onboarding of Office Operations Supervisors (OOS) and Clerical staff in the RCCs.

IT Infrastructure

1. The IT Infrastructure IPT will release additional sections of the Detailed Operational Plan.
2. Implement Cloud connectivity (Direct Connect). They will begin Authority to Operate analysis for public Cloud deployment for CAT in the Azure Cloud, and explore AWS General Elastic Map Reduce (EMR) capability in the development environment.

Infrastructure

Look Ahead (next 60 days) cont'd

Decennial Logistics Management (Regional Census Centers)

1. Atlanta: Expect to award lease in February 2017.
2. Dallas: Expect to award lease in February 2017.
3. Los Angeles: Expect to award lease in February 2017.

Additional Updates

Oversight & Stakeholder Engagement

Description

This section describes major activities related to the Government Accountability Office (GAO) and Office of the Inspector General (OIG) audits (e.g., new audits, exit meetings for completed audits, issuance of draft and final reports, preparation of agency action plans); congressional hearings related to the 2020 Census; and presentations and working meetings with our advisory committees, the 2020 Census National Academy of Sciences Standing Committee on Reengineering Census Operations, and other external stakeholders.

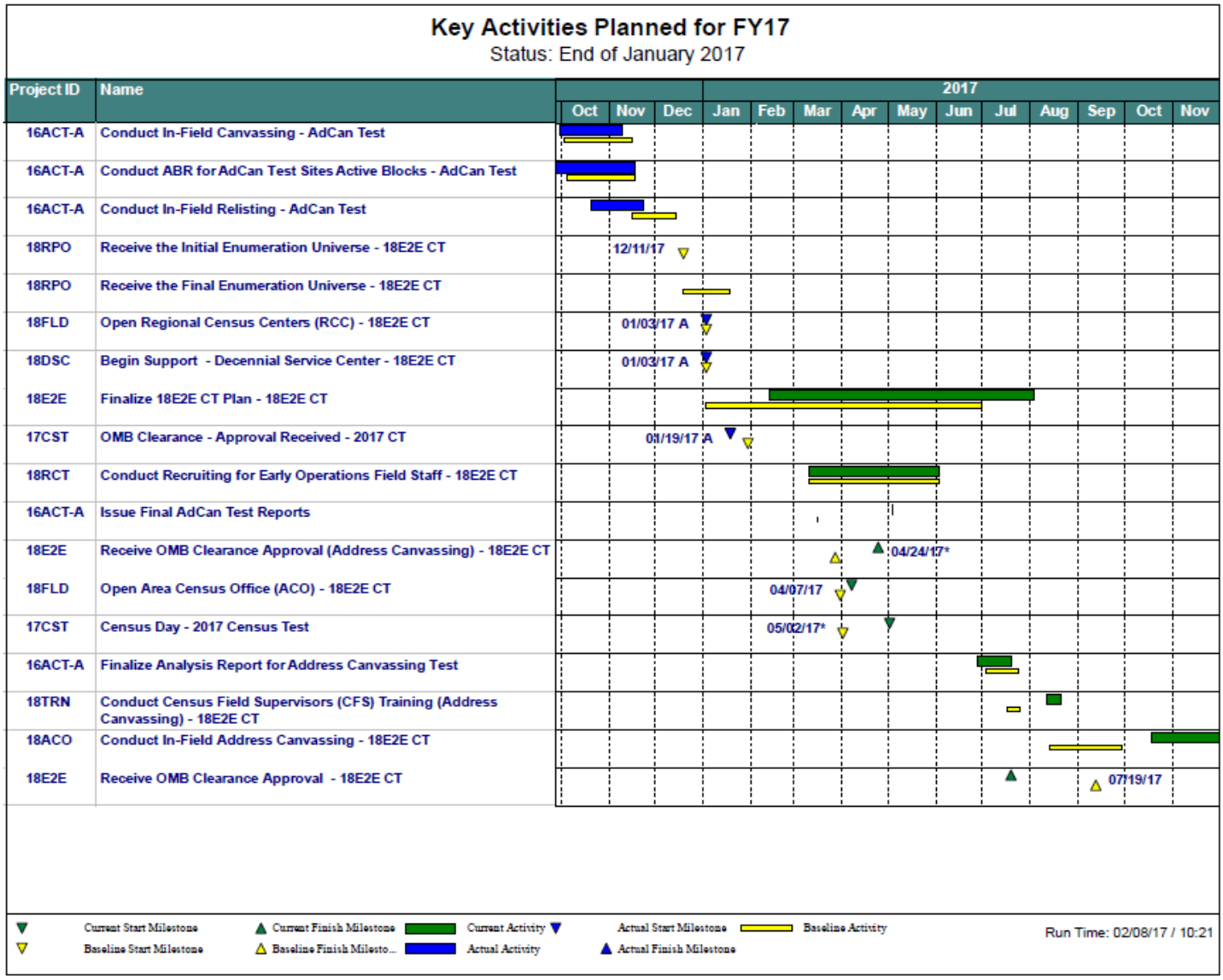
Summary of Activities (last 30 days)

1. Team Young & Rubicam (Y&R) conducted a Listening Tour at the Chicago Regional Office on January 11, 2017.
2. Participated in the Applied Demography Conference in San Antonio, Texas, January 11 – 13, 2017, including a panel on the results of the 2015 National Content Test analysis on race and ethnicity.
3. Official comments in response to the *Government Accountability Office (GAO) draft report on the 2016 Census Test* were sent by DOC to GAO on January 17, 2017.
4. The Office of Inspector General (OIG) held exit meetings for their audits on the *2016 Address Canvassing Test*, and the *2016 Census Test* on January 17, 2017.
5. The GAO held the entrance meeting for new audit on *2020 Census Lifecycle Costs Estimates Update* on January 19, 2017.
   A draft report on the 2016 Census Test audit was issued on January 27, 2017.
6. The OIG held an exit meeting on the *Management of Administrative Records and Third Party Data* audit on January 27, 2017.
7. Conducted quarterly Program Management Review on January 27, 2017.

Look Ahead (next 60 days)

1. Provide official agency comments on the OIG draft report on *2016 Census Test* audit.
2. OIG's draft report on the *Management of Administrative Records and Third Party Data* audit is expected in February 2017.
3. OIG is holding an entrance meeting on the *Bureau's Preparedness for 2020 Census Background Checks* on February 2, 2017.
4. The GAO is scheduling an entrance meeting on the *Quality of Administrative Records* audit for February 6, 2017.
5. OIG will hold an entrance meeting on the *Area Census Offices Locations for 2020 Census* audit on February 9, 2017.
6. Director Thompson will testify before the Senate Committee on Homeland Security and Governmental Affairs concerning the *GAO High-Risk List: 2020 Census* on February 15, 2017.
7. Participate in the spring Census Scientific Advisory Committee on March 30 – 31, 2017.

Program Schedule Metrics Research & Testing



Explanations for Project Start/Finish Delays

Activity 18RPO-10450: "Receive the Initial Enumeration Universe – 18E2E CT"
Reason for Delay: CR P-0308 will correct dates to accurately reflect the Initial Universe to DEC17.

Activity 18RPO-10460: "Receive the Final Enumeration Universe – 18E2E CT"
Reason for Delay: CR P-0308 will correct dates to accurately reflect the Final Universe to DEC17.

Activity 18E2E-10180: "Finalize 18E2E CT Plan – 18E2E CT"
Reason for Delay: This is starting later than planned, pending the draft of the 18ETE CT Plan (18ETE-10080). However, the team expects to complete the final version earlier than shown.

Activity 16ACT-11330: "Issue Final AdCan Test Reports"
Reason for Delay: This task is a duplicate of the one in the DSSD Schedule and will be placed in a CR for Deletion.

Activity 18ETE-11020: "Receive OMB Clearance Approval (Address Canvassing) – 18ETE CT

Explanations for Project Start/Finish Delays Cont'd
Reason for Delay: The OMB approval will be received on time. The delay shown is due to delays to the Final Draft of the AdCan Assessment Study plan. However, the initial draft of the study plan has been submitted in lieu of the final draft to avoid delays.

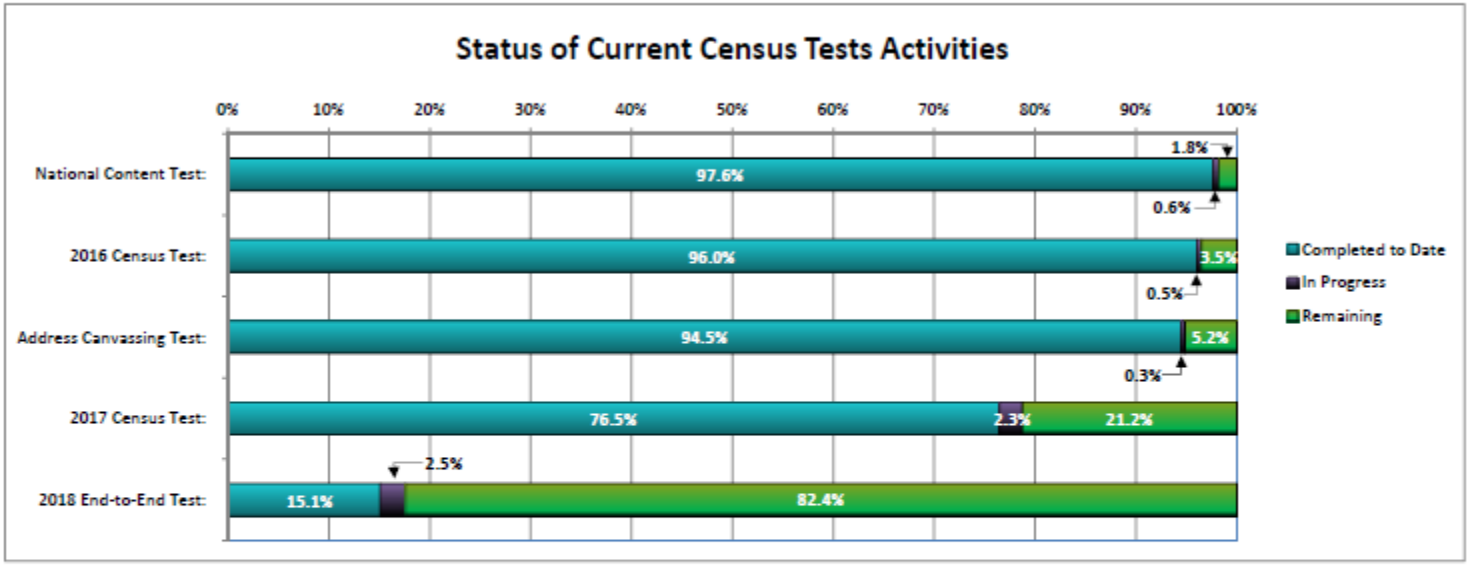
Activity 17CST-10000: "Census Day-2017 Census Test"
Reason for Delay: This task is being pushed out by UTS. In progress, UTS and ECaSE-OCS & ISR are actively working together to draft proper documentation to finalize interface for Printing/Mailing & Self Response Release.

Activity 18TRN-32680: "Conduct Census Field Supervisors (CFS) Training (Address Canvassing) – 18ETE CT
Reason for Delay: Conduct CFS AdCan Training will begin on time because QC mode and its related activities will be removed via a CR, pending formal management approval.

Activity 18ACO-11000: "Conduct in-Field Address Canvassing – 18E2E CT"
Reason for Delay: Task will start and complete on time. Currently the start delay of 18TRN-21060 Training Plan Development for AdCan JIT Online Training for ACO Managers is driving out the dates.

Program Schedule Metrics Research & Testing

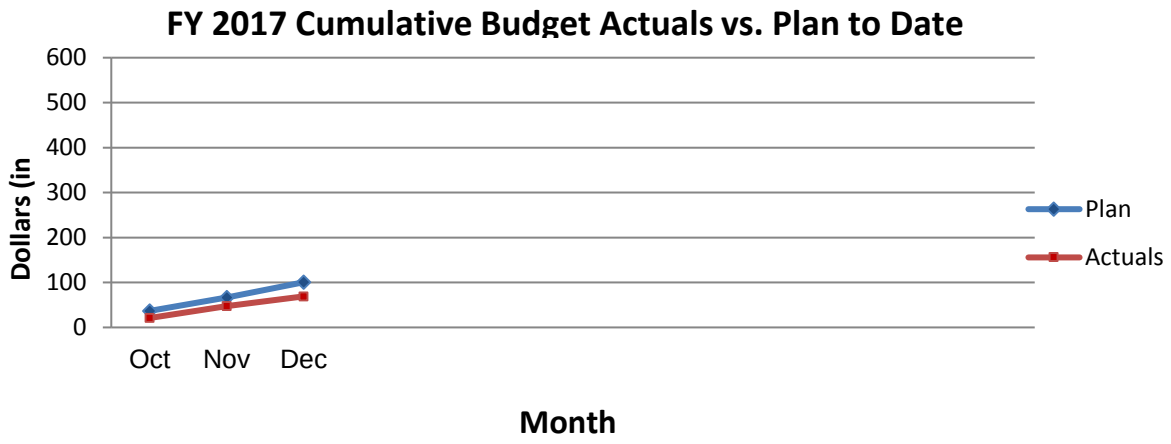
Status of Census Tests through January 31, 2016



	Total Activities	Completed to Date	In Progress	Remaining
2015 National Content Test:	1181	1153	7	21
2016 Census Test:	1902	1826	9	67
Address Canvassing Test:	621	587	2	32
2017 Census Test:	1648	1260	38	350
2018 End-to-End Test:	5622	849	141	4632

Processed on: 2-8-2017

Program Budget/Costs as of December 31, 2016



	December Cum Plan	December Cum Actuals	December Cum Variance	% Variance
GRAND TOTAL	**$100,454,011**	**$69,017,358**	**$31,436,653**	**31.3%**
At the end of December, the $31.4M variance in the 2020 Census program consists of $18.2M in salaries and $13.2 in other objects. The salary variance is due to delays in filling vacancies. The other objects variance is due to delays in obligating contracts and minimal spending in travel, training, and supplies due to the Continuing Resolution (CR). We still plan to award these contracts, and don't believe the delays will significantly affect our ability to stay on schedule and complete planned activities.				
R1 Program Management	$15,082,519	$12,079,879	$3,002,640	19.9%
The variance in this area consists of $1.2M lower than expected costs in salaries and $1.8M lower than expected costs in other objects. The salary variance is due to delays in filling vacancies. The other objects variance is due to delays in obligating contracts in the Program Management Project. There is no impact to the program as we expect these obligations to occur in the second quarter.				
R2 Census/Survey Engineering	$3,473,692	$3,262,207	$211,485	6.1%
The variance is within threshold.				

Program Budget/Costs as of December 31, 2016

R3 Frame	$19,693,609	$12,756,180	$6,937,429	35.2%
The variance in this area consists of $5.7M lower than expected costs in salaries and $1.2M lower than expected costs in other objects. The salary variance is due to delays in filling vacancies, and NPC vacancy funds were spread across 12 months instead of Jan - Sept. The majority of the other objects variance is due to delays in obligating the following contracts/other objects: 1) development and systems engineering support for the Geographic Acquis-based Topological Real-time Editing System and 2) Geographic Update Partnership System (GUPS) contract that supports the updates to the MAF/TIGER database. There is no impact to the program as we expect this obligation to occur in the second and third quarters.				
R4 Response Data	$13,872,655	$11,206,530	$2,666,125	19.2%
The variance in this area consists of $2.2M lower than expected costs in salaries and $0.5M lower than expected costs in other objects. The salary variance is due to delays in filling vacancies. The majority of the other objects variance is due to minimal spending in travel, training, and supplies due to the CR.				
R5 Published Data	$6,359,440	$3,382,700	$2,976,740	46.8%
The variance in this area consists of $0.8M lower than expected costs in salaries and $2.2M lower than expected costs in other objects. The salary variance is due to delays in filling vacancies. The other objects variance is due to the delays in obligating a contract vehicle to assist in the implementation of the architecture, development, and configuration of the CEDSCI Program. Also, there were delays in purchasing equipment and data storage for the new Custom Tabulation project. We are awaiting final cost estimates from ISSRO. There is no impact to the program as we expect these obligations to occur in the second quarter.				
R6 Test and Evaluation	$16,747,900	$8,141,983	$8,605,917	51.4%
The variance in this area consists of $5.2M lower than expected costs in salaries and $3.4M lower than expected costs in other objects. The salary variance is due to delays in filling vacancies. The other objects variance is due to the following: 1) rent/security contract funding was not obligated in the first quarter as planned, 2) there were delays in obligating the licenses, software, mobile applications, and maintenance for the Test Planning, Project Management and Support project, 3) postponement of the Puerto Rico Test, 4) equipment, utilities and postage are not being procured for the End-to-End test as planned, and 5) a support contract for the Coverage Measurement Data Collection Operation. There has also been minimal spending in travel, training, and supplies due to the CR. There is no impact to the program as the majority of these obligations will occur in the second/third quarter.				

Program Budget/Costs as of December 31, 2016				
R7 Infrastructure	$25,224,196	$18,187,879	$7,036,317	27.9%
The variance in this area consists of $2.8M lower than expected costs in salaries and $4.2M lower than expected costs in other objects. The salary variance is due to delays in filling vacancies. The majority of the other objects variance is due to delays in obligating the following contracts/other objects: 1) infrastructure support contract for the 2018 E2E Test, 2) purchase of equipment for three RCCs and three ACOs to support the E2E test, 3) Integrated Logistics Management System licenses and OPM training for the RCC/ACO offices, 4) ILMS syteline site licenses, 5) rent/security contract funding and 6) the purchase of administrative records data from Federal, State and/or Third Party Sources to support Decennial operations. There has also been minimal spending in travel, training, and supplies due to the CR. There is no impact to the program as we expect these obligations to occur in the second quarter.				

Note: Explanations are required for frameworks with variances that are equal to or greater than +/- 10% OR greater than +/- $500k.

Program-Level Life Cycle Risks

	Risk ID	Name	Level	Prior Level	Trend	Prob	Imp
1	LC-040	Funding Requests Not Realized	H	H	⇔	4	5
2	LC-033	Administrative Records and Third-Party Data - External Factors	H	H	⇔	3	5
3	LC-039	Public Perception of Ability to Safeguard Response Data	H	H	⇔	3	5
4	LC-041	Cyber Security Incidents	H	H	⇔	3	5
5	LC-010	Enterprise IT Solutions	M	M	⇔	3	4
6	LC-036	Operations and Systems Integration	M	M	⇔	3	4
7	LC-038	Testing of Field Operations Quality Control Procedures	M	M	⇔	3	4
8	LC-042	Late Operational Design Changes	M	M	⇔	3	4
9	LC-011	Acquisition Lead Time	M	M	⇔	3	3
10	LC-037	Human Capital Management	M	M	⇔	3	3
11	LC-043	Cloud Implementation	M	M	⇔	3	3
12	LC-044	Systems Scalability	M	M	⇔	3	3
13	LC-045	Major Disasters	M	M	⇔	3	3
14	LC-003	Meeting Cost Goal	M	M	⇔	2	5
15	LC-028	Internet Data Collection	M	M	⇔	2	5
16	LC-032	Reengineering Address Canvassing Operation	M	M	⇔	2	5
17	LC-034	Administrative Records and Third-Party Data - Access and Constraints	M	M	⇔	2	5
18	LC-001	Cost Model Projections	M	M	⇔	2	4
19	LC-012	External Support	M	M	⇔	2	4
20	LC-021	Schedule Impacts	M	M	⇔	2	4
21	LC-022	Technological Innovations Surfacing After Design Is Finalized	M	M	⇔	2	4
22	LC-027	IT Security Controls	M	M	⇔	2	4
23	LC-029	Contract Management	M	M	⇔	2	4
24	LC-004	ACS Funding and Integration	M	M	⇔	1	5
25	LC-016	Policy Impacts	L	L	⇔	2	3
26	LC-023	Inconclusive Data	L	L	⇔	2	3
27	LC-018	Trade Agreement Act Compliance	L	L	⇔	2	2

Risk Trend ⬆ Improving ⇔ No Change ⬇ Worsening

Program-Level Life Cycle Risks

For January, no rating changes occurred to the 2020 Census Program risks, nor were any risks opened or closed.

A program issue was opened in January titled "Impact of Adjustment to 2017 Test Scope". The description of the issue is as follows:

The 2020 Census has reached a critical point in the decade. There is less than one year from beginning field work on the final major test for the 2020 Census – the 2018 End-to-End Census Test – but there is not yet clarity regarding funding for this program for FY 2017. With many scheduled development and integration steps remaining to ensure the systems and operations are ready to be deployed in production for the 2018 End-to-End Census Test by mid-2017, the Census Bureau must make critical decisions now to adjust and ensure success in this all-important dry run of the 2020 Census. In order to mitigate funding uncertainty risk and ensure readiness for the 2018 End-to-End Census Test, the Census Bureau will not conduct FY 2017 field testing operations (in the Puerto Rico municipios of Carolina, Loíza, and Trujillo Alto, and Standing Rock Reservation in North and South Dakota and Colville Reservation and Off-Reservation Trust Land in Washington) originally planned as part of the 2017 Puerto Rico Census Test and the 2017 Census Test respectively. These field sites will be considered for inclusion in the 2018 End-to-End Census Test.

The impact of the issue is as follows:

The decision to stop the 2017 field tests will enable the 2020 Census Program to focus the vast majority of resources in FY 2017 on operational and systems readiness for the 2018 End-to-End Census Test, including integrating, securing, and testing the systems. This streamlined plan will ensure that the integrated suite of 2020 Census systems can be deployed smoothly into the field by late FY 2017 when the initial operations for the 2018 End-to-End Census Test begin. Resources are expected to be available to continue plans to conduct the national self-response component of the 2017 Census Test, which will still allow the essential testing of key systems and operations ahead of the 2018 End-to-End Census Test. Namely, the Internet self-response, with a Spanish language option, and Operational Control Systems integrated with the Census Questionnaire Assistance operation, as well as the ability to provision and run in a Cloud must remain in the scope of the 2017 Census Test. It remains critical to test Spanish language systems and non-traditional addressing in Puerto Rico and the ability to list and enumerate at non-traditional addresses on tribal reservations. That is why they are under consideration for

Program-Level Life Cycle Risks Cont'd

inclusion in the 2018 End-to-End Census Test. Moving these field tests to 2018 would not be an ideal outcome for the operational risk of the 2018 End-to-End Census Test and 2020 Census, but would be the best overall option remaining for the program amid current uncertainty about FY 2017 funding. Additionally, the tribal enrollment questions will be well tested in the replanned 2017 Census Test (consisting solely of the national self-response component). The Census Bureau still expects to be able to test what must be tested ahead of and during the 2018 End-to-End Census Test. If not, then some operations and systems may go into production for the 2020 Census without having been part of an official census test.

Appendix

Appendix A

Acronyms

ABR..... Active Block Resolution
ACO ..... Area Census Offices
ACS ..... American Community Survey
ADSD ..... Applications Development and Services Division
AMO ..... Area Manager of Operations
AMSD ..... Administrative and Management Systems Division
AOSC ..... Area Operations Support Center
ARM..... Administrative Records Modeling
ASD..... Application Services Division
ATAC..... Automated Tracking and Control
ATP ..... Architecture Transition Plan
ATT ..... Authority To Test
AVI..... [Telephone: robocall]
AVT ..... Address Validation Test
AWS..... Amazon Web Services
BAS ..... Boundary and Annexation Survey
BBSP ..... Block Boundary Suggestion Project
BCU..... Basic Collection Unit
BYOD ..... Bring Your Own Device [The use of employee-owned equipment/services.]
C-SHaRPS ..... Census Schedule A Human Resources Payroll System
CASS…… Coding Accuracy Support System
CAT ..... Customer Acceptance Testing
CATI ..... Computer Assisted Telephone Interviewing
CCs..... Contact Centers
CDR..... Critical Design Review
CEDCaP ..... Census Enterprise Data Collection and Processing
CES..... Center for Economic Studies
CFD ..... Content and Forms Design
CHEC ..... Census Hiring and Employment Check
CM ..... Coverage Measurement
CMS ..... Center for Medicare and Medicaid Studies
COMPASS ..... Census Operations Mobile Platform for Adaptive Services and Solutions
CQA ..... Census Questionnaire Assistance
CRM…….. *Customer Relationship Management*
CSAC ..... Census Scientific Advisory Committee
CSM ..... Center for Survey Measurement
DAPPS ..... Decennial Applicant, Personnel, and Payroll System
DCBO ..... Decennial Communications and Budget Office
DCMD ..... Decennial Census Management Division
dDaaS ..... decennial Device as a Service
DDSSO ..... Decennial Directorate Support Services Office
DITD..... Decennial Information Technology Division
DOP ..... Detailed Operational Plan
DPMO ..... Decennial Program Management Office
DROM ..... Decennial Research Objectives and Methods Group
DSSD ..... Decennial Statistical Studies Division
DTO ..... Decennial Translation Office
eAdRec IT..... Electronic Administrative Records Independent Test
EAE ..... Evaluations and Experiments
ECaSE ..... Enterprise Censuses and Surveys Enabling
EFU ..... Evaluation Followup
ENUM ..... Enumerators in the Field
ENUMPREP ..... Enumeration Preparation

ES..... English/Spanish, otherwise known as Bilingual
FAQ..... Frequently Asked Questions
FMO..... Field Manager of Operations
FY..... Fiscal Year
FSCPE..... Federal-State Cooperative for Population Estimates
GAADS..... Geographic Area Analysis and Delineation System
GAO ..... Government Accountability Office
GEO ..... Geography Division
GPO ..... Government Publishing Office
GPSD..... Geographic Partnership Support Desk
GQ ..... Group Quarters
GRF-C..... Geographic Reference File-Codes
GRF-N ..... Geographic Reference File-Names
GUPS..... Geographic Update Partnership Software
HU ..... Housing Unit
ICADE..... Integrated Computer Assisted Data Entry System
ICC ..... Integrated Communications Contract
IIP ..... Integration and Implementation Plan
IMS ..... Integrated Master Schedule
IPC ..... Integrated Partnership and Communications
IPT ..... Integrated Project Team
IR ..... Interactive Review
IRS ..... Internal Revenue Service
ISR ..... Internet Self-Response
IT ..... Information Technology
JASON..... [An independent scientific advisory group that provides consulting services to the federal government on matters of science and technology.]
LCO ..... Local Census Office
LiMA ..... Listing and Mapping Application
LMS ..... Learning Management System
LSO ..... Local Supervisor of Operations
LUCA ..... Local Update of Census Addresses
MAF ..... Master Address File
MAFUF ..... Master Address File Update File
MCM..... Mobile Case Management
MDM ..... Mobile Device Management
MES ..... Mission Enabling Services
MMVT..... MAF Model Validation Test
MOCS..... Multimode Operational Control System
MOJO ..... [Term for Census Operational Control System for Reengineered Field Operations]
NAC ..... National Advisory Committee
NAS ..... National Academy of Sciences
NCT ..... National Content Test
"Notify Me" ..... [Census Bureau's Preregistration Tool]
NPC..... National Processing Center
NRFU ..... Nonresponse Followup
NTC..... Note for Correspondents
OCS..... Operational Control System
OIG ..... Office of the Inspector General
OIS..... Office of Information Security
OMB ..... Office of Management and Budget
OOS ..... Office Operations Supervisor
ORR ..... Operational Readiness Review
OSR ..... Optimizing Self-Response
PCD..... Paper Data Capture
PCS ..... Production Control System

PES..... Post Enumeration Survey
PM ..... Program Management
PMGB ..... Portfolio Management Governing Board
PMR..... Program Management Review
Primus ..... [Census Bureau's Internet Data Collection System]
PRR ..... Production Readiness Review
PSAP ..... Participant Statistical Areas Program
PVSed ..... [To make data private and secured]
PXP ..... Partnership Experience Portal
QC..... Quality Control
R&T ..... Research and Testing
RA..... Recruiting Assistant
RCC ..... Regional Census Center
RDP..... Redistricting Data Program
RFI ..... Request for Information
RFP ..... Request for Proposal
RO..... Regional Office
ROCkIT ..... Reorganized Census with Integrated Technology [Reengineered Field Operations]
RRB ..... Risk Review Board
RTNP..... Real-Time Non-ID Processing
RTOCS ..... Research and Testing Operational Control System
SBE ..... Service Based Enumeration
SDLC ..... Systems Development Life Cycle
SE..... System Engineering
SE&I ..... Systems Engineering and Integration
SIMEX ..... Human in the Loop Simulation
SLC..... Survey Life Cycle
SPC ..... Security, Privacy, and Confidentiality
SRR ..... Systems Requirement Review
TEA ..... Type of Enumeration Area
TEMP ..... Test and Evaluation Management Plan
TI ..... Technical Integrator
TIGER ..... Topologically Integrated Geographic Encoding and Referencing
TMO..... Technologies Management Office
TQA ..... Telephone Questionnaire Assistance
TRR ..... Test Readiness Review
UAA ..... Undeliverable As Addressed
UAT..... User Acceptance Test
UCRM ..... Universe Control and Response Management
UECT ..... Universal Enumeration and Control Table
UE ..... Update Enumerate
UHE..... Usual Home Elsewhere
USPS ..... United States Postal Service
UT ..... Users Test
UTS ..... Unified Tracking System
VTD..... Voting Districts
WG ..... Working Group
WLM ..... Workload Management
Y&R ..... Young & Rubicam

Note: Nonitalicized acronyms are those that are used mainly at U.S. Census Bureau whereas italicized acronyms are widely employed elsewhere.