

2020 Census

February 2017

Monthly Status Report

All information in this report is as of February 28,
unless otherwise stated in the title of the page.

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Key Program Updates

2017 Census Test

- Began training for Census Questionnaire Assistance (CQA):
 - Call agent supervisor training (“train the trainer operations”) completed in support of staff and training the call agents.
 - Quality Assurance training completed.
 - Lead agent/Managerial staff training completed.
 - Training for non-Spanish-speaking foreign language agents began.
- Received Authority to Operate for all physical facilities from the Department of Commerce (DOC) and Census Bureau security organizations for CQA.
- Completed the CQA and Internet Self-Response single-sign on authentication solution, a key component to an efficient CQA operation.
- Delivered the Address File for contacts #1 and #2 to the print vendor on February 18, 2017.
- Received final translations for Internet Self-Response (ISR) and CQA instrument screens and delivered to Internet Self-Response operation on February 24, 2017.

2018 End-to-End Census Test

- Delivered recruiting kits for early operations to Regional Census Centers on February 14, 2017.
- The Field Office Information Technology (IT) Infrastructure received 100 percent of total Regional Census Center equipment.
- Completed interactive delineation of the Type of Enumeration Area (TEA) assignments for the 2018 End-to-End Census Test and uploaded data to the MAF/TIGER Database (MTDB) on February 23, 2017.
- The Technical Integrator (TI) began delivering 2018 End-to-End Census Test and 2020 Census Internal Demand Models.

Address Canvassing Test

- Completed the first draft of the 2016 Address Canvassing Test Assessment Report on February 10, 2017.

2015 National Content Test

- Completed Relationship Question Experiment Analysis Report on February 10, 2017.
- Issued Race and Ethnicity Analysis Report in the 2020 Census Memorandum Series on February 28, 2017. Provided an extended Tip Sheet to the media publicizing this release.

Key Program Updates Cont'd

2020 Census Operations

- In support of the Systems Engineering and Integration (SE&I), the TI delivered an updated version 3 of the Integration and Implementation Plan document.
- The Local Update of Census Addresses (LUCA) Integrated Project Team (IPT) started LUCA Promotional Outreach with five events completed in February 2017. These events included a webinar for Data Dissemination Staff, a meeting with WelcomingAmerica.org, a webinar for State Data Centers, the National Association of Counties Legislative Conference, and the National States Geographic Information Council Midyear meeting. LUCA staff at the National Processing Center are receiving Contact Information Forms from partners and updating the Geographic Program Participant (GPP) database and LUCA Production Control System (PCS) with updated information.
- The Master Address File (MAF) Update for the Fiscal Year 2017 MAF Coverage Study began on October 3, 2016. As of February 28, 2017, 8,587 of the 20,000 blocks in the FY17 sample were completed. The goal was to complete 7,971 blocks by the end of February 2017 and the field met 107.7 percent of the goal.
- Team Young & Rubicam (Y&R) conducted its first monthly status review to the Integrated Partnership and Communications IPT meeting on February 21, 2017.
- The Redistricting Data Program (RDP) completed a 2020 Census RDP kickoff meeting in New York, NY, bringing the total number of states visited to 26. 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.
- Finalized the 2020 Research Report Template for 2020 Census operational assessments, evaluations, experiments, and research and testing studies results.

Oversight and Stakeholder Engagement

- The Office of Inspector General (OIG) held an entrance meeting on the *Bureau's Preparedness for 2020 Census Background Checks* on February 2, 2017.
- The GAO held an entrance meeting on the *Quality of Administrative Records* audit on February 6, 2017.
- The OIG held an entrance meeting on the *2020 Area Census Offices Leasing* on February 9, 2017.
- Director Thompson testified before the Senate Committee on Homeland Security and Governmental Affairs concerning the *Government Accountability Office (GAO) High-Risk List: 2020 Census* on February 15, 2017.
- Conducted a one-way virtual meeting about the 2015 National Content Test analysis report on race and ethnicity (released on February 28, 2017) with the National Advisory Committee (NAC) and Census Scientific Advisory Committee (CSAC) on February 27, 2017.
- Provided official agency comments on the OIG draft report on *2016 Census Test* audit on February 27, 2017.

Status of Major Tests

2017 Census Test

Description

Pursuant to 2020 Census Program Memorandum 2016.21, the 2017 Census Test has been re-scoped due to uncertainty surrounding the final FY2017 appropriations. As a result, the 2020 Census Program will not conduct the Fiscal Year 2017 field test operations in the Standing Rock Reservation in North Dakota and South Dakota and the Colville Reservation and Off-Reservation Trust Land in Washington state. Field tests planned for three areas in Puerto Rico were also cancelled. These field test sites will be considered for potential inclusion in the 2018 End-to-End Census Test.

Based on the revised scope, the 2017 Census Test is 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. The revised scope in the 2017 Census Test, whereby the two American Indian Reservations were descoped, did not alter the sample design for the 80,000 address nationwide self-response test. The nationwide sample was always intended to oversample addresses in areas with relatively higher concentrations of American Indians or Alaska Natives and addresses in Alaska to ensure that a sufficient number of people who indicate that they have a tribal enrollment or affiliation will respond.

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, 2017 – May 12, 2017

Conduct Self-Response, Including Non-ID Processing – March 20, 2017 – May 12, 2017

Census Day – April 1, 2017

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

Summary of Activities (last 30 Days)

Program Management

Conducted the Operational Readiness Review (ORR) for Release C Part 1 (Self-Response functionality) for printing and mailing on February 2, 2017.

IT Infrastructure

Achieved Authorization to Operate (ATO) for the Census Enterprise Cloud in AWS GovCloud on February 7, 2017.

2017 Census Test

Summary of Activities (last 30 Days) cont'd

Systems Engineering and Integration

1. Staff conducted the Release C Part 2 Test Readiness Review for Self-Response and Census Questionnaire Assistance (CQA).
2. Staff conducted the Release C Part 1 Production Readiness Review for Printing and Mailing/Workload. In addition, Printing and Mailing/Workload was released to Go-Live.

Census Questionnaire Assistance

1. Training for Census Questionnaire Assistance (CQA):
 - a. Call agent supervisor training (“train the trainer operations”) completed in support of staff and training the call agents.
 - b. Quality Assurance training completed.
 - c. Lead agent/Managerial staff training completed.
 - d. Training for non-Spanish-speaking foreign language agents began (these agents will participate in operational readiness testing after they are trained).
2. Received Authority to Operate for all physical facilities from DOC and Census Bureau security organizations.
3. Completed the CQA and Internet Self-Response (ISR) single-sign on authentication solution, a key component to an efficient CQA operation.

Internet Self-Response

1. Continued ISR and CQA-ISR application development.
2. Began project level testing the week of February 6, 2017.
3. Finalized interface documentation between ISR and other applicable systems. This includes Operational Control System (OCS), Unified Tracking System (UTS), and Enterprise Service Bus (ESB).

Non-ID Processing

Team members participated in user acceptance testing coordinated by ISR team, with a focus on the Non-ID response functionality. The team also reviewed procedure guides and training materials for the Clerical Non-ID operation in preparation for finalizing them in March 2017.

Content and Forms Design

Approved print files for all mail materials.

Forms Printing and Distribution

Delivered the Address File for contracts #1 and #2 to the print vendor on February 18, 2017.

Response Processing

Verified the Production Sample Delivery File (SDF) for use by Control and Response Data System (CaRDS).

2017 Census Test

Summary of Activities (last 30 Days) cont'd

Language Services

Received final translations for Internet Self-Response and Census Questionnaire Assistance (CQA) instrument screens and delivered to Internet Self-Response operation on February 24, 2017.

Security, Privacy, and Confidentiality

Completed the Security, Privacy, and Confidentiality charter for the 2017 Census Test and the 2018 End-to-End Census Test; all systems associated with the Tests must have an Authority to Operate. The charter officially kicks off the project's activities.

Look Ahead (Next 60 Days)

The 2017 Census Test will go live on March 20, 2017. Operations will begin as the ISR tool and CQA become available in the production environment, permitting the collection of response data.

Program Management

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

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

1. Complete defect correction for ISR and CQA-ISR applications.
2. Complete all ISR testing required for PRR and ORR.
3. Gain Authority to Operate (ATO).
4. Deploy Self-Response mail strategy for the Test.
5. Begin data collection in support of the Test.
6. Complete ISR and CQA-ISR functionality development scheduled for March 8, 2017.

Decennial Service Center

Close out test actions for the Decennial Service Center that will not be rolled into the 2018 End-to-End Census Test.

Non-ID Processing

1. Participate in final user acceptance testing for the Internet Self-Response instrument prior to the start of the Test.
2. Finalize procedures and training materials for 2017 Clerical Non-ID operation.

2017 Census Test

Look Ahead (Next 60 Days) Cont'd

Forms, Printing and Distribution

Start print production for all mail materials and receive initial Address File.

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. 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 with our IPT team members and stakeholders.

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 descope 2017 Puerto Rico Census Test, and the two tribal test sites that were descope 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; completed on January 27, 2017)

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)

Publish Presubmission Federal Register Notice for Peak Operations – March 1, 2017

Begin Recruiting for Early Operations – March 10, 2017

Receive OMB (Paperwork Reduction Act) Approval for Early Operations – March 27, 2017

Open Area Census Offices (ACO) – March 31, 2017

Receive OMB CM Independent Listing (Paperwork Reduction Act) Approval – June 19, 2017 (cancelled)

Finalize Partnership Staff Selection – August 18, 2017

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, 2017 – September 29, 2017

Conduct In-Field Address Canvassing Listing Quality Control (QC) – August 21, 2017 – October 6, 2017

Begin Recruiting for Peak Operations – September 1, 2017

Begin Partnership Staff Training and Partner Engagement Activities – October 30, 2017

Conduct Group Quarters (GQ) Advance Contact – February 5, 2018 – March 9, 2018

Conduct Census Questionnaire Assistance (CQA) – March 19, 2018 – August 31, 2018

Conduct Self-Response, Including Non-ID Processing – March 19, 2018 – August 31, 2018

Conduct GQ Enumeration – March 28, 2018 – August 30, 2018 (Including SBE and Late GQE)

Census Day – April 1, 2018

Conduct Nonresponse Followup (NRFU) – April 3, 2018 – August 20, 2018

2018 End-to-End Census Test

Key Activities Cont'd

Conduct NRFU Reinterview – April 4, 2018 – August 31, 2018
Conduct Update Enumerate (UE) – April 16, 2018 – May 16, 2018
Conduct UE Reinterview – April 19, 2018 – July 17, 2018
Conduct UE Listing QC – April 23, 2018 – May 23, 2018
Conduct UE Followup – May 7, 2018 – July 13, 2018
Conduct GQ Enumeration, Late Production – June 11, 2018 – August 31, 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

1. Delivered recruiting kits for early operations to RCCs on February 14, 2017.
2. Awarded vendor for ACO furniture on February 23, 2017.
3. Assembly of ACO Bulk Office Supply kits and Administrative ACO kits began on February 27, 2017 and will be sent to the ACOs in Providence County, Rhode Island; Pierce County, Washington; and Bluefield-Beckley-Oak Hill, West Virginia.

Decennial Service Center

Presented the 2018 End-to-End Census Test Operations overview to LAN Technology Support Office (LTSO) and Telecommunications Office (TCO) management staff. Continued to support the 2018 End-to-End Census Test Regional Census Centers.

Recruiting, Training, and Onboarding

1. Received management approval to pursue an acquisition strategy that utilizes the Systems Engineering and Integration (SE&I) Acquisition Vehicle to select a vendor for the fingerprinting contract, which will be used for recruiting and onboarding.
2. Selection and onboarding of Office Operations Supervisor (OOS) and Clerical staff in the RCCs.

IT Infrastructure

The Field Office Information Technology (IT) Infrastructure received 100 percent of total Regional Census Center equipment and 55 percent of Area Census Office equipment.

Program Management

Began drafting of OMB Paperwork Reduction Act Clearance Package for Peak Operations.

Content and Forms Design

1. Prepared paper questionnaires for internal stakeholder review.
2. Continued updating automated instrument specifications based on requirements and user stories received.

Language Services

Received Spanish translations for paper materials being created for Group Quarters Operations, and NRFU automated instruments.

2018 End-to-End Census Test

Summary of Activities (Last 30 Days) cont'd

Internet Self-Response

Began meeting with stakeholders and other Integrated Project Teams (IPTs) on new functionality required of Internet Self-Response (ISR) for the 2018 End-to-End Census Test.

Integrated Partnership and Communications

1. Finalized 2018 End-to-End Census Test logo use guidance document.
2. Peak Recruiting Operations materials are in review.

Nonresponse Followup

1. Developed requirements for alerts and enumerator performance measures.
2. Developed Nonresponse Followup (NRFU) forms and mailing materials. These materials consisted of a letter and a handout that would be mailed to managers of multiunit buildings prior to multiunit manager visits to identify vacant units.

Update Enumerate

1. Began development of the user stories for the Unified Tracking System (UTS) reports.
2. Began discussing the possible integration of the Update Enumerate Followup and the Nonresponse Followup operations.

Geographic Programs

Completed interactive delineation of the Type of Enumeration Area (TEA) and uploaded data to the MAF/TIGER Database (MTDB) on February 23, 2017.

Group Quarters

1. Submitted summary assessment to management for Group Quarters (GQ) Advance Contact and Enumeration IT suite solutions.
2. Finalized specs for GQ Enterprise Censuses and Surveys Enabling – Enumeration (ECaSE – Enum) and for GQ Advance Contact.

Systems Engineering and Integration

The Decennial Portfolio Management Governing Board (PMGB) approved the Architecture Transition Plan version 3. The Technical Integrator also delivered an updated version 3 of the 2020 Census Line-of-Business Architecture document. The version incorporates comments received from the Decennial PMGB. Both documents contain the solution architecture for the 2018 End-to-End Census Test (prior to the changes announced at the January 27, 2017 Program Management Review).

Mitre handed off the 2018 End-to-End Census Test and 2020 Census Self-Response External Demand Model for approximately 130 system interfaces to the Technical Integrator. The Technical Integrator used input from the 2016 Census Test to update the Non-ID portion of the model.

2018 End-to-End Census Test

Summary of Activities (Last 30 Days) cont'd

Address Canvassing

Finalized requirements for Unified Tracking System (UTS) reports for In-Field Address Canvassing on February 8, 2017.

Redistricting Data Program

In support of the 2018 End-to-End Census Test, the Redistricting Data Program continued the Integrated Project Team meetings for the design of the P.L. 94-171 Redistricting File and its summary levels.

Security, Privacy, and Confidentiality

Completed the Security, Privacy, and Confidentiality charter for the 2018 End-to-End Census Test and the 2017 Census Test; all systems associated with the Tests must have an Authority to Operate. The charter officially kicks off the project's activities.

Look Ahead (next 60 Days)

Program Management

1. Finalize OMB Paperwork Reduction Act Presubmission Federal Register Notice for Peak Operations for submission to DOC in early March 2017.
2. Complete drafting of OMB Paperwork Reduction Act Clearance Package for Peak Operations.
3. Complete drafting of the Test Plan.

Decennial Logistics Management

Deliver the following items:

- Administrative and payroll kits to Seattle, Washington Area Census Office (ACO) in March 2017. Dates for Providence, Rhode Island and Beckley, West Virginia are TBD.
- Bulk office supply kits to Seattle, Washington ACO in March 2017. Dates for Providence, Rhode Island and Beckley, West Virginia are TBD.
- Furniture to Seattle, Washington ACO in March 2017. Dates for Providence, Rhode Island and Beckley, West Virginia are TBD.

Decennial Service Center

Continue supporting Regional Census Centers and Regional Office staff. Continue preparations for the support of Decennial Recruiting staff. Finalize Decennial Operations Plan and submit all necessary documents for publishing. Staff will work with Decennial IPT to update the project Business Process Model, Business Solutions Document, and Operations Plan to be included in the larger 2020 Decennial Operations Plan that is released to the public.

Nonresponse Followup

1. Develop requirements for Enterprise Censuses and Surveys-Operational Control System (ECaSE-OCS) Field and ECaSE-OCS Survey for NRFU operations.
2. Develop specifications for Field Verification Response Processing Operation (RPO) activities.

2018 End-to-End Census Test

Look Ahead (next 60 Days) cont'd

Non-ID Processing

1. Deliver final requirements for Automated Non-ID Processing for the 2018 End-to-End Census Test.
2. Deliver final requirements for ECaSE-OCS for handling Non-ID responses and generating output for analysis.

Content and Forms Design

1. Start gathering content and forms requirements for Internet Self-Response and Nonresponse Followup.
2. Baseline the 2018 Internet, Census Questionnaire Assistance, and Group Quarters automated instrument specifications.

Internet Self-Response

1. Conduct working group sessions to get initial list of capability requirements needed for new 2018 End-to-End Census Test functionalities needed from Internet Self-Response for other operations.
2. Begin development of new functionalities for 2018 End-to-End Census Test ISR and CQA ISR applications.
3. Finalize self-response mail strategy content.

Recruiting, Training, and Onboarding

1. Finalize Online Training Contingency Plan for 2018 End-to-End Census Test early operations and management training.
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.
3. Select and onboard Office Operations Supervisor (OOS) and Clerical staff in the RCCs.
4. Train Partnership and Recruiting Assistants for the 2018 End-to-End Census Test.

Language Services

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

Integrated Partnership and Communications

Final clearance of peak recruiting materials.

Update Enumerate

1. Begin development of the 2018 End-to-End Census Test Update Enumerate Study Plan.
2. Update Business Process Models and capability requirements to reflect recent operational design changes.
3. Deliver Field Assignment Rules and Field Alert Requirements.

2018 End-to-End Census Test

Look Ahead (Next 60 Days) Cont'd

Geographic Operations

Perform interactive delineation of the Census Field Management areas, and Census Field Supervisor areas. Perform site-specific address and spatial benchmark.

Group Quarters

Finalize the following plans:

1. 2018 End-to-End Census Test Group Quarters Advance Contact Study Plan.
2. 2018 End-to-End Census Test Group Quarters Service-Based Enumeration Study Plan.
3. 2018 End-to-End Census Test Group Quarters Enumeration Study Plan.

Systems Engineering and Integration

1. Hold the Training Release 1 and Release A Test Readiness Reviews. Both releases support In-Field Address Canvassing.
2. Update the Architecture Transition Plan, the 2020 Census Line-of-Business Architecture document, and the External Demand Models.
3. Continue delivering 2018 End-to-End Census Test and 2020 Census Internal Demand Models for the approximately 130 system interfaces.
4. Update the Integration and Implementation Plan document with results of the 2018 End-to-End Census Test Integrated Master Schedule lockups.

Address Canvassing

1. Participate in Release A Test Readiness Review on March 8, 2017.
2. Update Business Process Models and capability requirements to reflect recent operational design changes.

Security, Privacy, and Confidentiality

Complete all Interface Control Documents (ICDs) for systems in the 2018 End-to-End Census Test.

Response Processing

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

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 encompasses 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 is full block listing of all living quarters. Both In-Office Address Canvassing and In-Field Address Canvassing is based on the same input data (i.e., Master Address File (MAF) and Topologically Integrated Geographic Encoding and Referencing (TIGER)) and will be completed in time to compare the results from both activities with each other.

This Test occurred in two sites, Buncombe County, North Carolina, and St. Louis, Missouri. The sites include 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, 2016 – 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

Completed an initial draft of the 2016 Address Canvassing Test Assessment Report on February 10, 2017.

Look Ahead (next 60 Days)

Address Canvassing Operation

Complete final draft of the Address Canvassing Test Assessment Report, ready for the official approval process, by March 31, 2017.

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 infrastructure¹ 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 – Delayed beyond Quarter 2 of Fiscal Year 2017 due to resource limitations.

Summary of Activities (last 30 Days)

1. Conducted additional analysis of the 2016 Census Test Coverage Reinterview data based on feedback from the January 30, 2017 meeting with the Decennial Research Objective and Methods (DROM) Group.
2. Incorporated feedback from the February 2, 2017 meeting with the DROM Group and updated the draft report with additional analysis of the 2016 Service-Based Enumeration Census Test.

Group Quarters

Completed the following 2016 Census Test GQ eResponse Data Independent Test activities:

1. Standardized and Matched Geocode Address Response Data.
2. Created GQ Extract of matched and unmatched address records.

Look Ahead (next 60 Days)

Incorporate feedback from the January 30, 2017 meeting with the DROM Group and update draft report with additional analysis of the 2016 Census Test Coverage Reinterview data.

Group Quarters

Develop draft of 2016 Census Test eResponse Data Independent Test Analysis Report.

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 Nonresponse Followup Operational Assessment Report (TBD)
 - Draft in ADC and IPT review February 17, 2017.
 - Presentation to the DROM Group scheduled for March 9, 2017.
- 2016 Census Test Analysis – Non-ID Processing Report
 - Draft in Non-ID IPT review through February 2017.
 - Presentation to the DROM Group scheduled for March 16, 2017.
- 2016 Census Test Report – Overview (TBD)
- 2016 Census Test Coverage Reinterview Analysis Report (Expected Completion on April 30, 2017)
- 2016 Group Quarters Electronic Response Independent Test Analysis Report (TBD)
- 2016 Census Test Optimizing Self-Response, Language Services, Race and Ethnicity, and Relationship Report (TBD)

2016 Census Test

Status of Current Activities cont'd

Reports under Development/Review cont'd

- 2016 Census Test: Non-ID Recollect Analysis Report (TBD)
- 2016 Census Test Administrative Record Usage 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)
 - Brief 2020 Decennial Management Governing Board (PMGB) (TBD)

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 until May 31, 2017 due to resource limitations)
- Non-ID Response Validation for 2015 Optimizing Self-Response Test is in executive review (Expected Completion early March 2017)

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.

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

- Analysis of Non-ID Processing Results (Expected Completion mid-March 2017)
- Coverage (Expected Completion March 31, 2017)

Reports Issued

- 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) (Completed October 5, 2016).
- Issued study plan for the race and ethnicity analysis in the 2020 Census Memorandum Series on November 4, 2016.
- Issued the 2015 National Content Test Optimizing Self-Response in the 2020 Census Memorandum Series on November 22, 2016.
- Completed Relationship Question Experiment Analysis Report on February 10, 2017.
- Issued Race and Ethnicity Analysis Report in the 2020 Census Memorandum Series on February 28, 2017. Provided an extended Tip Sheet to the media publicizing this release.

Status of Major 2020 Census Operations

The 2020 Census includes 34 operations 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 is 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 29-37).

Figure 1: Operational Overview by WBS

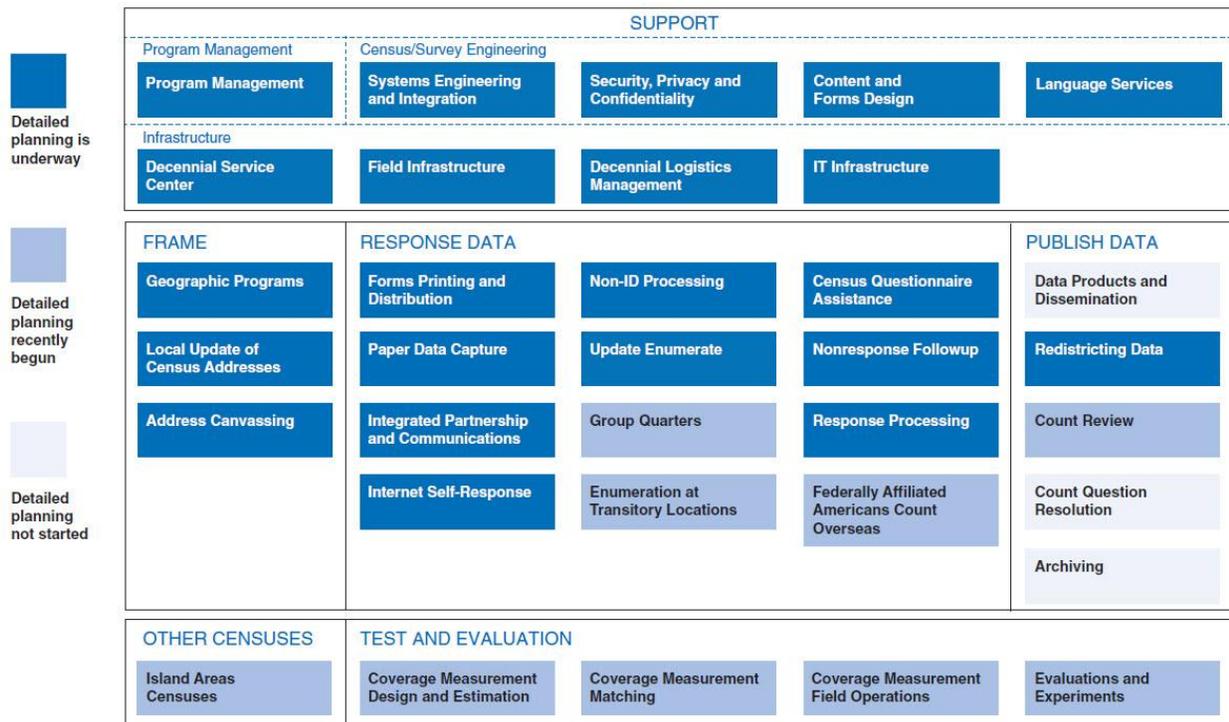


Table 1: 2020 Census Operations and Purpose

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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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	<p>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:</p> <ul style="list-style-type: none"> • Internet invitation letters. • Reminder cards or letters or both. • Questionnaire mailing packages. • Materials for other special operations, as required. <p><i>Other materials required to support field operations are handled in the Decennial Logistics Management or Field Infrastructure operations.</i></p>
Paper Data Capture	<p>The Paper Data Capture (PDC) operation captures and converts data from 2020 Census paper questionnaires. This operation includes:</p> <ul style="list-style-type: none"> • Mail receipt. • Document preparation. • Scanning. • Optical Character Recognition. • Optical Mark Recognition. • Key From Image. • Editing and checkout.
Integrated Partnership and Communications	<p>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:</p> <ul style="list-style-type: none"> • 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	<p>The Internet Self-Response (ISR) operation performs the following functions:</p> <ul style="list-style-type: none"> • 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	<p>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:</p> <ul style="list-style-type: none"> • 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	<p>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:</p> <ul style="list-style-type: none"> • 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. <p>UE can occur in geographic areas that:</p> <ul style="list-style-type: none"> • 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	<p>The 2020 Census Group Quarters (GQ) Operation will:</p> <ul style="list-style-type: none"> • 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	<p>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.</p>
Census Questionnaire Assistance	<p>The Census Questionnaire Assistance (CQA) operation has two primary functions:</p> <ul style="list-style-type: none"> • Provide questionnaire assistance for respondents by answering questions about specific items on the Census form or other frequently asked questions about the Census; • Tier 1: Provide telephone assistance via an Interactive Voice Response (IVR). • 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	<p>The Nonresponse Followup (NRFU) Operation serves two purposes:</p> <ul style="list-style-type: none"> • 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	<p>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.</p> <p>Specifically, the operation supports the following:</p> <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • 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	<p>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.</p> <p>The EAE operation performs the following functions:</p> <ul style="list-style-type: none"> • 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	<p>The Field Infrastructure (FLDI) operation performs the following functions:</p> <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> ☐ Recruiting. ☐ Hiring and onboarding. ☐ Personnel and payroll administration. ☐ Training. ☐ Partnership support. ☐ Management and supervision. ☐ Clerical support. ☐ Materials supply. ☐ 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	<p>The purpose of the IT Infrastructure (ITIN) operation is to provide the IT-related infrastructure support to the 2020 Census, including:</p> <ul style="list-style-type: none"> • 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.

Table 2: 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)			
6	(13) Non-ID Processing (NID)			
7	(10) Paper Data Capture (PDC)			
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)		March 2017	
20	(15) Group Quarters (GQ)	September 2017	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 2017	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. This plan was released September 28, 2016. *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 3: 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 4: 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 / Local Update of Census Addresses (LUCA)
Release H	RESERVED
Release I	In-Office Address Canvassing
Release J	RESERVED
Release K	Coverage Measurement – Initial Housing Unit Followup, Person Interview
Release L	Coverage Measurement – Person Interview Matching
Release M	Coverage Measurement – Person Followup
Release N	Coverage Measurement – Final Housing Unit Followup
Release O	Coverage Measurement – Reports & Release Findings
Release P	Partnership Activities
Recruiting Release 1	Address Canvassing, Coverage Measurement – Independent Listing, and Initial Housing Unit Followup Recruiting
Recruiting Release 2	Field Enumeration, Coverage Measurement – Person Interview, Person Followup, and Final Housing Unit Followup 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), the Technical Integrator delivered an updated version 3 of the Integration and Implementation Plan document.

The Technical Integrator refreshed the Geographic Partnership Support Desk External Demand Model using new workload estimates for the Boundary Annexation Survey/Boundary Validation Program and the Local Update of Census Addresses.

The Technical Integrator delivered drafts of the Release & Deployment Management Plan, the Simulated Data Requirements and User Guide, the Performance and Scalability Test Plan, the Development Operations (DevOps) Environment User Guide, the System-of-Systems Continuity of Operations (COOP) and Disaster Recovery Analysis of Alternatives, and the Fraud Detection Strategy/Roadmap for comment.

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.

Security, Privacy, and Confidentiality

Completed the Security, Privacy, and Confidentiality charter for all the activities leading to and through the 2020 Census. All systems associated with the 2020 Census must have an Authority to Operate. The charter officially kicks off the project's activities.

Look Ahead (next 60 days)

Content and Forms Design

1. Complete pre-briefings and release of the *Subjects Planned for the 2020 Census* and the American Community Survey (ACS) documentation.
2. 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.

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 Programs:

- Operations, development, and testing of the Geographic Update Partnership Software (GUPS) continues.
- Geographic Area Analysis and Delineation System (GAADS) software development completed in support of the 2018 End-to-End Census Test Type of Enumeration Area (TEA) delineation.
- GAADS development continues for the Field Management Areas (FMA) delineations.
- Staff at the National Processing Center (NPC) were trained in the Participant Statistical Area Program Internal Review processing on February 5, 2017.
- The Geographic Partnership Support Desk continues to receive telephone calls from partners in support of LUCA and the Boundary Annexation Survey (BAS).

The Local Update of Census Addresses (LUCA) Integrated Project Team (IPT) started LUCA Promotional Outreach with five events completed in February 2017. These events included a webinar for Data Dissemination Staff, a meeting with WelcomingAmerica.org, a webinar for State Data Centers, the National Association of Counties Legislative Conference, and the National States Geographic Information Council Midyear meeting. LUCA staff at the National Processing Center are receiving Contact Information Forms from partners and updating the Geographic Program Participant (GPP) database and LUCA Production Control System (PCS) with updated information. NPC staff have completed working on Undeliverable as Addressed (UAA) received from the Advance Notice mailout. LUCA IPT staff completed the GUPS external testing with nine state partners.

The 2020 Census In-Office Address Canvassing Interactive Review production continues, and is meeting the expected production goals. The clerks have reviewed 9,331,777 blocks during Interactive Review from the beginning of production in September 2015 through February 28, 2017. One hundred eight staff are working Interactive Review (IR) in production and 12 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 February 28, 2017, 72.0 percent of the blocks were classified as Passive, 16.6 percent were classified as Active, and 11.4 percent were classified as On-Hold.

Frame

Summary of Activities (last 30 days) cont'd

Since the 2020 Census In-Office Address Canvassing Active Block Resolution (ABR) production began at headquarters in April 2016, the staff has reviewed 65,947 blocks through February 28, 2017. Ninety-three staff are working ABR in production and nineteen are performing Quality Control (QC). National Processing Center clerks working on ABR were informed that ABR was paused on February 10, 2017 and were moved onto other funded activities in waves starting on February 27, 2017.

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 February 28, 2017, 69 percent of the blocks that have been completed through ABR were classified as Resolved, 23 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 February 28, 2017, 8,587 of the 20,000 blocks in the FY17 sample were completed.

- The goal was to complete 7,971 blocks by the end of February 2017 and the field met 108 percent of the goal.

Look Ahead (next 60 days)

Geographic Programs

Baseline Collection Geography and PSAP schedules by March 31, 2017.

LUCA

1. Conduct LUCA Promotional Workshops. These workshops are being given by Census Bureau staff to potential LUCA participants, including active, functioning tribal, state, and local governments.
2. Print and Ship Advance Notice Reminders (March 13 – March 24, 2017)
3. Complete updating Geographic Program Partnership (GPP) database and LUCA PCS with updated contact information from partners.
4. Continue to define LUCA address list products requirements.

Address Canvassing

MAF Coverage Study in-field data for collection for Assignment Period 3 ends March 31, 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:

- The Integrated Communications Contractor (Team Y&R) delivered the final draft of the National Communications Plan v2.0 on February 16, 2017.
- Team Y&R conducted its first monthly status review to the Integrated Partnership and Communications IPT meeting on February 21, 2017.
- Team Y&R baselined its Integrated Master Schedule February 28, 2017.
- Census Bureau staff and Team Y&R are conducting a series of review sessions on the National Communications Plan v.2.0 February 20, 2017 – March 3, 2017.

In support of the Update Enumerate (UE) operation, staff delivered the 2020 Update Enumerate Detailed Operational Plan draft to leadership for review.

In support of the Group Quarters (GQ) operation, the team:

- Participated in a series of meetings to streamline GQ Enumeration (GQE) specifications for the Enterprise Censuses and Surveys Enabling- Enumeration (ECaSE-Enum) handheld device and the specifications and requirements for the GQ Advance Contact In-Office functionalities.
- Led and participated in workshops with Applications Development and Services Division, Decennial Information Technology Division, and Automation Coordination Branch in GQE solution specs, cost estimates, risks, and requirements for ECaSE-Enum and eResponse Upload Portal.
- Led workshops with Decennial Architecture Team for GQ Advance Contact IT solutions.
- Conducted additional analysis of the 2016 Service-Based Enumeration Census Test data based on feedback from the February 2, 2017 meeting with the Decennial Research Objectives and Methods (DROM) Group.

Look Ahead (next 60 days)

Integrated Partnership and Communications

1. The Integrated Communications Contractor (Team Y&R) will deliver the final draft of the National Communications Plan on April 27, 2017.
2. Team Y&R will complete the Census Barriers, Attitude, and Motivation Survey (CBAMS) inputs and OMB requirements on March 31, 2017.
3. Finalize draft of the 2020 Census National Partnership Plan and provide to the 2020 IPC Integrated Project Team (IPT).
4. Receive executive approval of the 2020 Census Partnership Engagement Plan.

Response Data

Look Ahead (Next 60 Days) cont'd

Integrated Partnership and Communications Cont'd

5. The Census Bureau will have a meeting with the National Advisory Committee Integrated Partnership and Communications Working Group to discuss highlights from the 2020 Census National Partnership plan.
6. Deliver the plan for the Partnership Contact Database release 2.0, which will expand functionality for storing and tracking partner information.

Update Enumerate

1. Update Business Process Models and capability requirements to reflect recent operational design changes.
2. Begin development of the 2020 Census master schedule for Update Enumerate.
3. Update the Risk Register with identified operational risks for the 2020 Census.

Group Quarters

1. Complete initial draft of 2020 Census GQ Detailed Operational Plan documentation.
2. Obtain decision for enterprise IT solution to support 2020 Census GQ Operations (i.e., GQ Advance Contact and GQ Enumeration).

Nonresponse Followup

1. Baseline the 2020 Census Nonresponse Followup (NRFU) Detailed Operational Plan.
2. Develop mitigation plans for 2020 Census NRFU project level risks.
3. Develop plans and procedures for User Acceptance Tests of the Enterprise Censuses and Surveys Enabling (ECaSE) systems.

Paper Data Capture

Identify and monitor 2020 Census-related project risks.

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.

Summary of Activities (last 30 days)

The Redistricting Data Program (RDP) completed a 2020 Census RDP kickoff meeting in New York, NY, bringing the total number of states visited to 26. 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.

The RDP completed a reposting of corrected partnership shape files for the official RDP liaisons for Phase 1 of the 2020 Census RDP, the Block Boundary Suggestion Project (BBSP). The RDP has begun processing input and other responses from the states and passing them on for insertion into the Master Address File/Topologically Integrated Geographic Encoding and Referencing system.

Look Ahead (next 60 days)

Redistricting Data Program

1. Complete migration of the Redistricting Data Program website to the new platform.
2. Support the verification phase of the Block Boundary Suggestion Project.
3. Draft a Federal Register Notice announcing Phase 2 of the Redistricting Data Program. This Federal Register Notice is planned to be a brief announcement of the commencement of Phase 2 of the RDP, the Voting District Project (VTDP), in December 2017. This notice will be very similar to the June 2015 Federal Register Notice announcing the commencement of Phase 1, the Block Boundary Suggestion Project. It will announce that the project is beginning and briefly describe the purpose of the project and how to participate. The public will have 30-days to submit comments.

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)

The Coverage Measurement Design and Estimation team:

Decennial Policy Team approved team's plans to treat administrative record enumerations the same as other enumerations in the Post Enumeration Survey (PES) matching and followup.

The Coverage Measurement Field Operations team and supervisors:

Developed the 2020 Census critical design review documentation as a result of the 2018 End-to-End Census Test descoping decision.

The Evaluation and Experiments (EAE) operation:

1. Reviewed and approved one study plan and three reports (across all tests) by the Decennial Research Objectives and Methods (DROM) working group.
2. Facilitated the clearance and release of one report in the 2020 Census Memorandum Series (across all tests) by the EAE Integrated Project Team (IPT).
3. Finalized the 2020 Research Report Template for 2020 Census operational assessments, evaluations, experiments, and research and testing studies results.

Look Ahead (next 60 days)

The Coverage Measurement Design and Estimation team:

Begin working on the Coverage Measurement Design and Estimation Detailed Operational Plan, and resume building its 2020 Census schedule. Awaiting direction from the executive steering committee regarding the Post Enumeration Survey operational design and systems before proceeding with the presentation for the 2020 Census Critical Design Review.

Coverage Measurement Matching

Finalize updates to Coverage Measurement requirements for 2020.

Evaluations and Experiments

1. Revise and finalize the report template, Indexing, and fact-checking guidelines for operational assessments, evaluations, and experiments.
2. Assemble and submit a global schedule change request to Schedule Staff to ensure operations follow the standard activities for study plans and reports consistently.
3. Facilitate the clearance and release of six reports in the 2020 Census Memorandum Series.
4. Finalize content requirements and instructions for submitting 2020 Census evaluations and experiments to the Decennial Research Objective and Methods working group.
4. Finalize and implement the plan for soliciting 2020 Census evaluation and experiment proposals.
5. Baseline the 2020 Demographic Analysis project charter.

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 Logistics Management – Regional Census Centers (RCCs)

Executed leases for RCCs in Chicago, Dallas, and Los Angeles.

Recruiting, Training, and Onboarding

Received management approval to pursue an acquisition strategy that utilizes the SE&I Acquisition Vehicle to select a vendor.

IT Infrastructure

With respect to Cloud Phase II, finalized Request for Proposals release responses.

Look Ahead (next 60 days)

Decennial Logistics Management (Regional Census Centers)

Expect lease executions for RCCs in Atlanta and New York in March 2017.

Recruiting, Training, and Onboarding

Deliver call order and acquisition documents to the Contracting Officer at the Department of Commerce (DOC) for a Learning Management System (LMS) to meet the needs of the 2020 Census.

IT Infrastructure

Receive Cloud Phase II Proposals, and begin acquisition evaluation phase.

Additional Updates

Oversight & Stakeholder Engagement

Description

This section describes major activities related to 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.

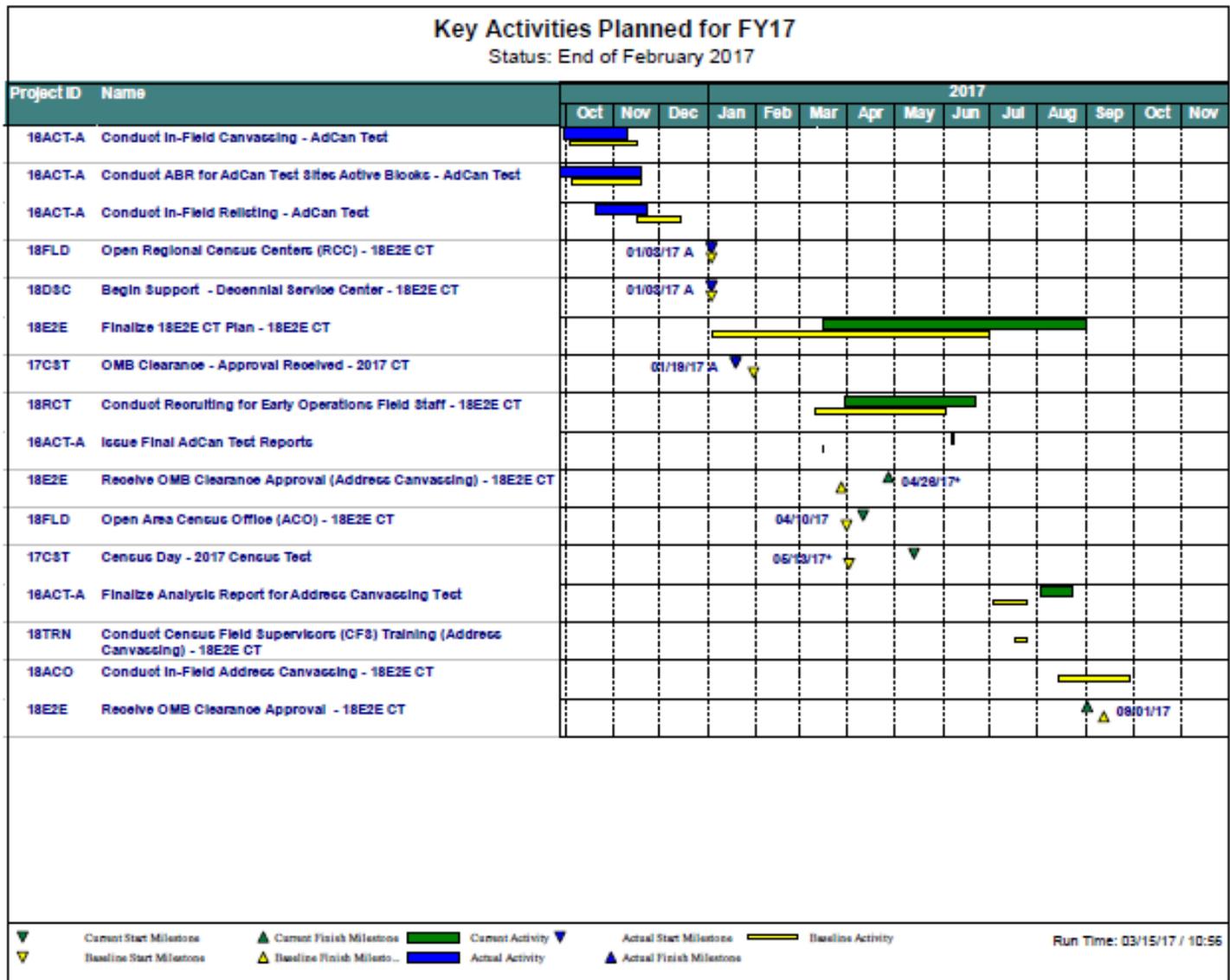
Summary of Activities (last 30 days)

1. The Office of Inspector General (OIG) held an entrance meeting on the *Bureau's Preparedness for 2020 Census Background Checks* on February 2, 2017.
2. The Government Accountability Office held an entrance meeting on the *Quality of Administrative Records* audit on February 6, 2017.
3. The OIG held an entrance meeting on the *2020 Area Census Offices Leasing* on February 9, 2017.
4. Director Thompson testified before the Senate Committee on Homeland Security and Governmental Affairs concerning the *GAO High-Risk List: 2020 Census* on February 15, 2017.
5. Conducted a one-way virtual meeting about the 2015 National Content Test analysis report on race and ethnicity (released on February 28, 2017) with the National Advisory Committee (NAC) and Census Scientific Advisory Committee (CSAC) on February 27, 2017.
6. Provided official agency comments on the OIG draft report on *2016 Census Test* audit on February 27, 2017.

Look Ahead (next 60 days)

1. Participate in a forum with the National Association of Latino Elected and Appointed Officials (NALEO) on "Census 2020 and the Latino Community" on March 6, 2017.
2. Action Plan in response to GAO-17-191 report: *2020 Census Additional Action Could Strengthen Field Data Collection Efforts* is due to Congress and GAO by March 27, 2017.
3. Participate in the spring Census Scientific Advisory Committee meeting on March 30 – 31, 2017.
4. Participate in the spring National Advisory Committee meetings on April 27 – 28, 2017.
5. Participate in the Population Association of America annual conference in Chicago, April 26 – 29, 2017.

Program Schedule Metrics Research & Testing



Explanations for Project Start/Finish Delays

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 18RCT-10830: "Conduct Recruiting for Early Operations Field Staff – 18ETE CT"

Reason for Delay: Anticipated date to begin is March 31, 2017.

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"

Reason for Delay: The OMB Approval will be received on time March 27, 2017. 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.

Explanations for Project Start/Finish Delays Cont'd

Activity 17CST-10000: "Census Day – 2017 Census Test"

Reason for Delay: This task is being pushed out by PEARSIS (delay in internal testing activities). There is a secondary delay from CQA (delay in interface testing with UTS/ECaSE-ISR/ATO) and ISR schedule.

Activity 16ACT-20320: "Finalize Analysis Report for Address Canvassing Test"

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 18TRN-32680: "Conduct Census Field Supervisors (CFS) Training (Address Canvassing) – 18ETE CT"

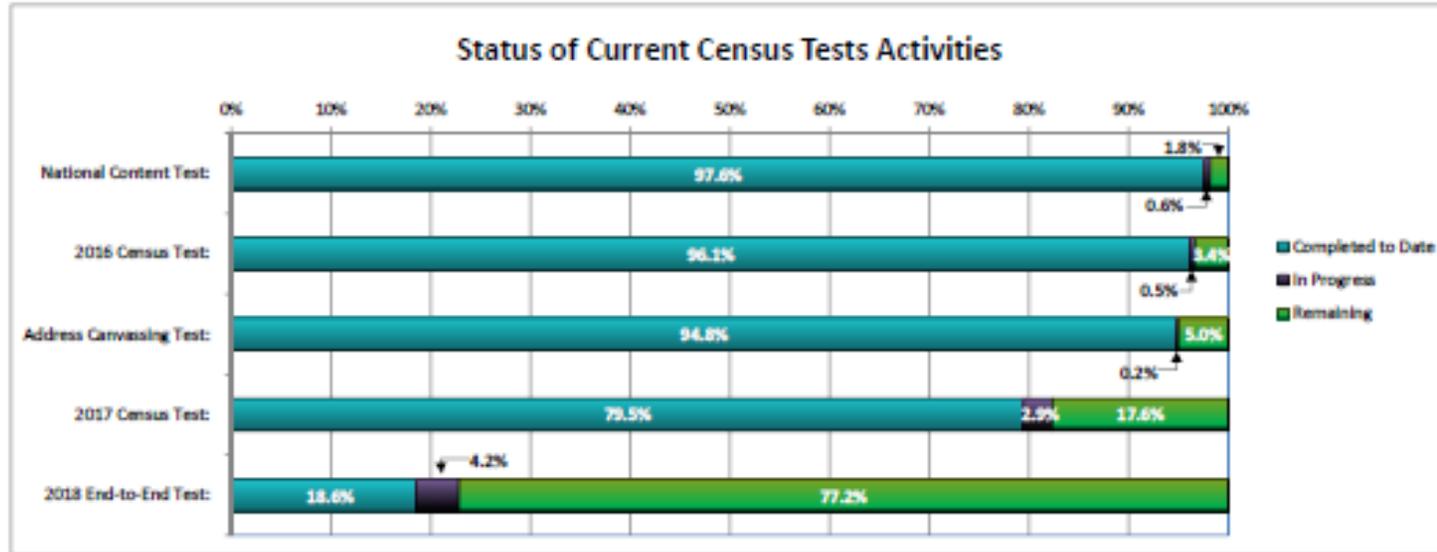
Reason for Delay: Training will be on-time. ECaSE – FOCS is currently driving as a result of all EPICs did not start at the same time as planned.

Activity 18ACO-11000: "Conduct in-Field Address Canvassing – 18E2E CT"

Reason for Delay: Training will be on-time. ECaSE-FOCS is currently driving as a result of all EPICs did not start at the same time as planned.

Program Schedule Metrics Research & Testing

Status of Census Tests through February 28, 2017

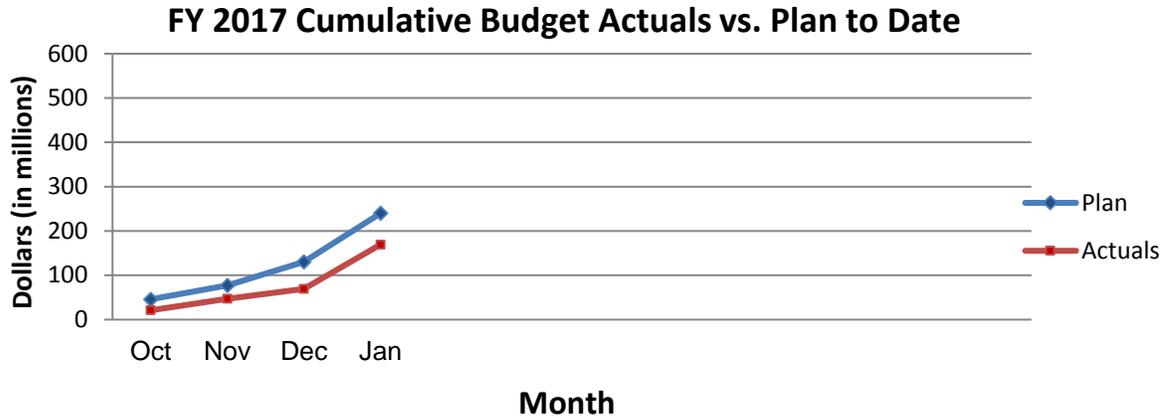


	Total Activities	Completed to Date	In Progress	Remaining
2015 National Content Test:	1181	1153	7	21
2016 Census Test:	1902	1828	10	64
Address Canvassing Test:	621	589	1	31
2017 Census Test:	1648	1310	47	291
2018 End-to-End Test:	6360	1184	268	4908

Prepared on: 3-15-2017

Program Budget/Costs as of January 31, 2017

(Note: Current budget variance information for the Census Bureau is typically completed and made available after the Monthly Status Report has been prepared and going through various stages of review. As such, Program Budget/Costs data lag one month behind the actual reporting date of the Monthly Status Report.)



	January Cum Plan	January Cum Actuals	January Cum Variance	% Variance
GRAND TOTAL	\$208,370,361	\$129,003,567	\$79,366,794	38.1%

At the end of January, the \$79.4M variance in the 2020 Census program consists of \$24.7M in salaries and \$54.7M 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 do not believe the delays will significantly affect our ability to stay on schedule and complete planned activities.

R1 Program Management	\$23,367,419	\$16,746,946	\$6,620,473	28.3%
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The variance in this area consists of \$1.3M lower than expected costs in salaries and \$5.3M 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 the following contracts: 1) technical support contract for the Decennial Tabulation Operations is in legal review and will be awarded in March, and 2) support contract for expert consultants to provide historical census knowledge and advice on data collection operations will be awarded in April.

Program Budget/Costs as of January 31, 2017

R2 Census/Survey Engineering	\$32,080,753	\$12,156,909	\$19,923,844	62.1%
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The variance in this area consists of \$0.3M lower than expected costs in salaries and \$19.6M 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 the following contracts: 1) the Technical Integration contract which supports the 2020 Census Program in ensuring the architectural integrity and interoperability of the 2020 Census System of Systems (SoS). This contract is awaiting award in ACQ. 2) contract for translation experts to translate non-English materials and pretesting of multilingual materials will be conducted in the late Spring. There has also been minimal spending in travel, training, and supplies due to the CR.

R3 Frame	\$26,546,388	\$17,095,398	\$9,450,990	35.6%
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The variance in this area consists of \$8.0M lower than expected costs in salaries and \$1.5M 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 the delay in obligating the contract for development and systems engineering support for the Geographic Acquis-based Topological Real-time Editing System. There is no impact to the program as we expect this obligation to occur in the third quarter.

R4 Response Data	\$34,479,866	\$24,617,626	\$9,862,240	28.6%
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The variance in this area consists of \$3.6M lower than expected costs in salaries and \$6.2M 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 delay in obligating the communications contract to cover the research, recruitment and integration task orders. We expect the contract to be obligated in February. The Census Questionnaire Assistance (CQA) contract offset some of this variance as it was obligated earlier than planned. There is no impact to the program as the funds are available in the plan. There has also been minimal spending in travel, training, and supplies due to the CR.

Program Budget/Costs as of January 31, 2017

R5 Published Data	\$10,817,122	\$5,917,773	\$4,899,349	45.3%
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The variance in this area consists of \$1.1M lower than expected costs in salaries and \$3.8M lower than expected costs in other objects. The salary variance is due to delays in filling vacancies. The other objects variance is due to 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	\$25,266,310	\$12,408,667	\$12,857,643	50.9%
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The variance in this area consists of \$6.6M lower than expected costs in salaries and \$6.3M 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 January as planned, 2) contract funds for the Brookings Institute MOU and the Department of Defense (IAA) Jason Group are no longer needed, 3) there were delays in obligating the licenses, software, mobile applications, and maintenance for the Test Planning, Project Management and Support project, 4) delays in obligating the Coverage Measurement Data Collection QC (SMaRCS) contract, 5) postponement of the Puerto Rico Test, and 6) equipment, utilities and postage are not being procured for the End-to-End test as planned. 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.

R7 Infrastructure	\$55,812,503	\$40,060,248	\$15,752,255	28.2%
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The variance in this area consists of \$3.8M lower than expected costs in salaries and \$11.9 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) contract to provide subject matter experts and technical guidance to establish and implement a revised Census Schedule A Human Resources and Recruiting Payroll System (CSHaRPS), 3) purchase of equipment for three RCCs and three ACOs to support the E2E test, 4) Integrated Logistics Management System licenses and OPM training for the RCC/ACO offices, 5) ILMS syteline site licenses, and 6) rent/security contract funding. 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 February, no rating changes occurred to the 2020 Census Program risks, nor were any risks opened or closed.

The program issue opened in January titled “Impact of Adjustment to 2017 Test Scope” is still active. 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 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	<i>Computer Assisted Telephone Interviewing</i>
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.....	<i>Customer Relationship Management</i>
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
EAE	Evaluations and Experiments
ECaSE.....	Enterprise Censuses and Surveys Enabling
ECaSE-Enum.....	Enterprise Censuses and Surveys Enabling-Enumeration
ECaSE-OSC.....	Enterprise Censuses and Surveys Enabling-Operational Control System
EFU	Evaluation Followup

ENUM Enumerators in the Field
 ENUMPREP Enumeration Preparation
 eResponse IT.....Electronic Response Data Independent Test
 ES..... English/Spanish, otherwise known as Bilingual
 ESB Enterprise Service Bus
 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
 PCS Production Control System
 PDC..... Paper Data Capture
 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.